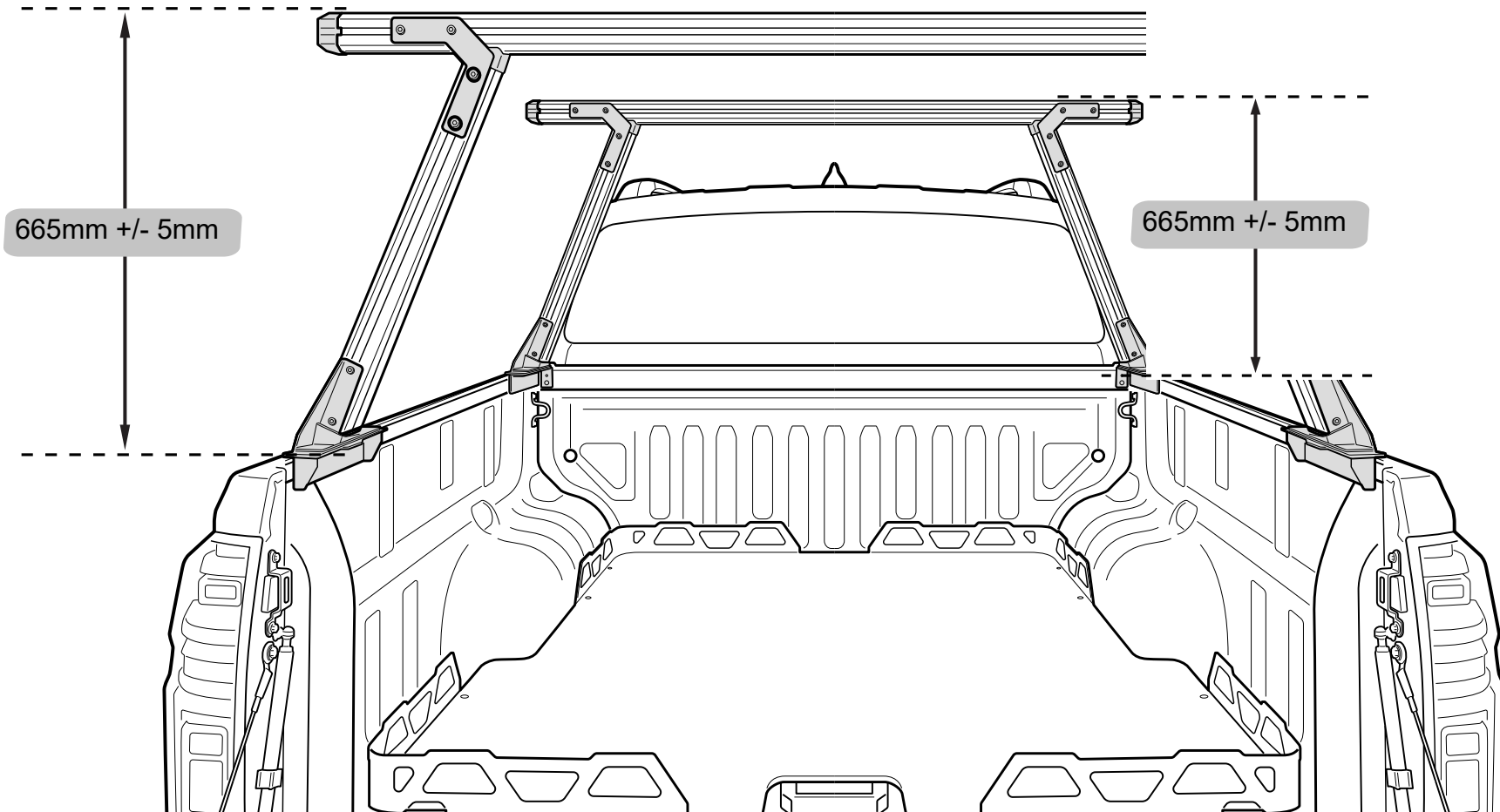




Once assembled on the tub, the load rack will be positioned at a height of 665mm +/- 5mm. If desired, you can adjust the height of your load rack before installation by following the instructions provided in the upcoming pages.



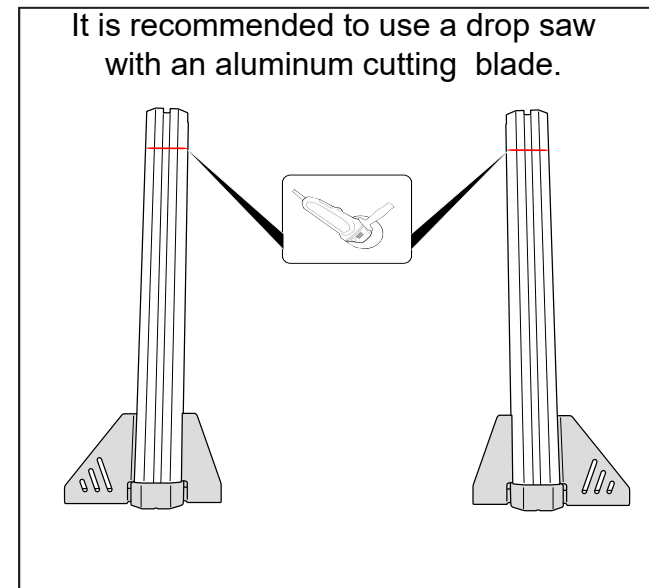
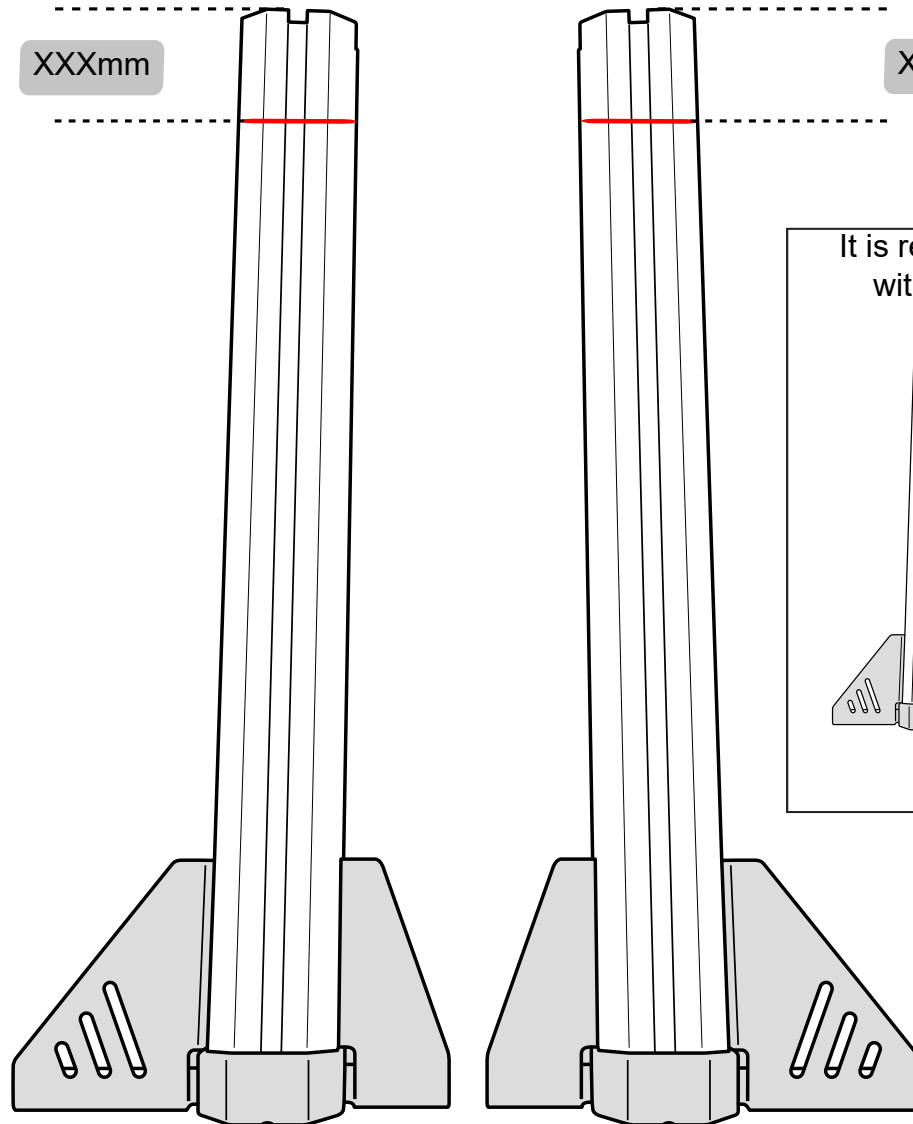


Please refer to the table below for guidance.
 The left column indicates the desired height you can choose, while the right column provides a guide on how much to cut in order to achieve the desired height.



Mark the suggested deductions and proceed to cut the extrusion accordingly.

Load Rack Desired Height (mm)	Suggested Deduction Length (mm)
665 (As Per Kit) +/- 5	0
660	5
655	11
650	16
645	21
640	27
635	32
630	37
625	43
620	48
615	53
610	59
605	64
600	69
595	74
590	80
585	85
580	90
575	96
570	101
565	106
560	112
555	117
550	122
545	128
540	133
535	138
530	144
525	149
520	154
515	160
510	165
505	170
500	176





INSTALLATION INSTRUCTIONS

**LOAD Rack to suit Roll R Cover
(REAR OF UTE TUB)**



Application list:

Ford Ranger PX (2011-2022), Haval GWM Cannon ute, LDV T60, Isuzu Dmax 2021+, Mazda BT50 2021+, Nissan Navara 2020+, Toyota Hilux A & J Deck 2016+.

INSTALLATION TIME:90minutes (Approximately)

IMPORTANT	<ul style="list-style-type: none"> • Do not exceed load limit indicated by manufacture. • If contact with volatile chemicals occur, clean bars with mild detergent and water solution 		
Care Instructions	<ul style="list-style-type: none"> • Read Instructions fully before commencing installation. • Clean with a mild detergent and water solution • Do not use abrasive cleaners or solvents • Refer to manufactures instructions applicable to power drill. • Protect surface against scratches during installation process. 		
Maintenance	Refer to Maintenance instructions.		
Tools Required	<table style="width: 100%; border: none;"> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> • Pen / Marker • Soapy water solution • Allen Key set • Screw driver • Trim Removal Tool </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> • Scissors & Knife • Spanner & Socket • Tape measure </td> </tr> </table>	<ul style="list-style-type: none"> • Pen / Marker • Soapy water solution • Allen Key set • Screw driver • Trim Removal Tool 	<ul style="list-style-type: none"> • Scissors & Knife • Spanner & Socket • Tape measure
<ul style="list-style-type: none"> • Pen / Marker • Soapy water solution • Allen Key set • Screw driver • Trim Removal Tool 	<ul style="list-style-type: none"> • Scissors & Knife • Spanner & Socket • Tape measure 		

PERSONAL PROTECTIVE EQUIPMENT:



Rubber Gloves



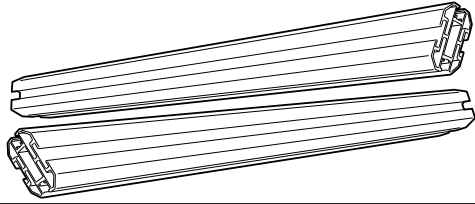
Goggles



Hearing Protection

BOX CONTENTS

PART NO. LR-AE001-629mm (LOAD RACK LEG) Qty - 2



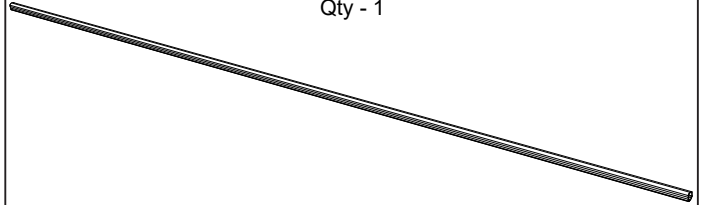
PART NO. S2.5-DC-RE-007-1550mm (Cross Bar Rubber) Qty - 1



PART NO. LR-AE001-1466mm (LOAD RACK CROSS BAR) Qty - 1



PART NO. LR-RE-001 8100mm (LADDER RACK channel insert seal) Qty - 1



LR-SF-001RH



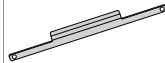
TUB FRH
BRACKET
Qty - 1

LR-SF-001LH



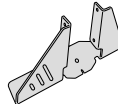
TUB FLH
BRACKET
Qty - 1

LR SPACER



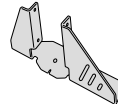
Qty - 2

LR-SF-002RH



FRH LEG BASE
BRACKET
Qty - 1

LR-SF-002LH



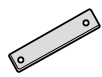
FLH LEG BASE
BRACKET
Qty - 1

LR-SF-005



CROSS BRACE
BRACKET
Qty - 4

LR-SM-001



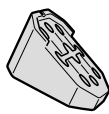
CHANNEL NUT
Qty - 14

LR-PI-001



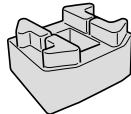
END CAP
Qty - 2

LR-RC-001



FOOT CAP
Qty - 2

LR-RC-002



UPRIGHT TOP
CAP
Qty - 2

LR-SF-002RH



M6 SPRING
WASHER
Qty - 34

LR-SF-002LH



M6x16mm
SOCKET
HEAD BOLT
Qty - 24

LR-SF-005



M6x20mm
SOCKET
HEAD BOLT
Qty - 8

LR-SM-001



S5 ALLEN KEY
Qty - 1



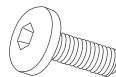
M6x20mm
SECURITY
BOLT
Qty - 2



SELF
DRILLING
SCREWS
Qty - 10



Hex
Security
Allen Key Bit



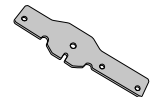
M8x30mm
ALLEN
HEAD BOLT
Qty - 4



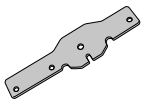
M8 FLAT
WASHER
Qty - 4



M8SPRING
WASHER
Qty - 4



LR-SF-002
Base foot
LH Foam
Qty - 1



LR-SF-002
Base foot
RH Foam
Qty - 1

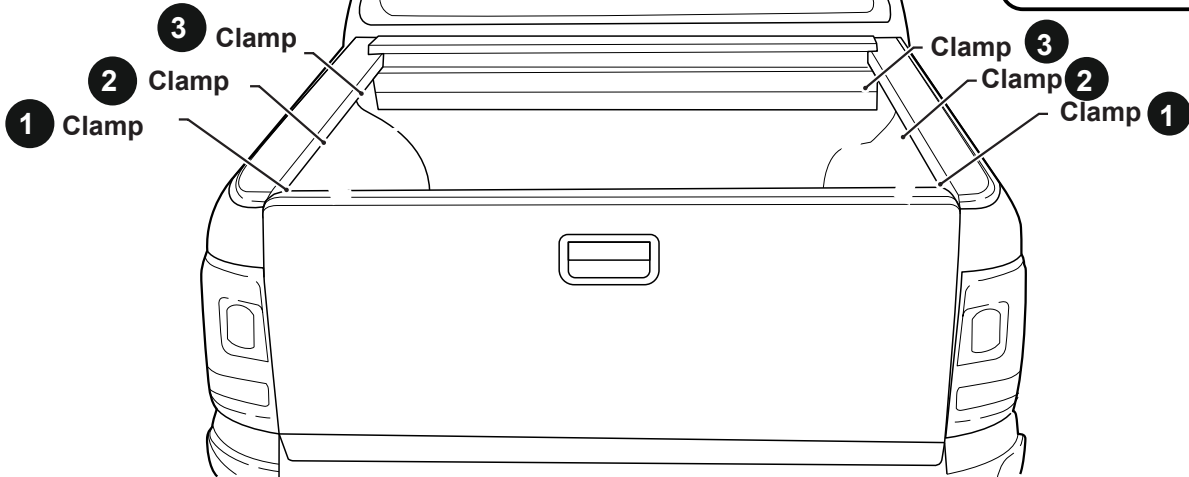
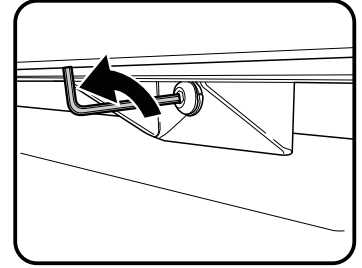
ROLL R COVER PREPERATION



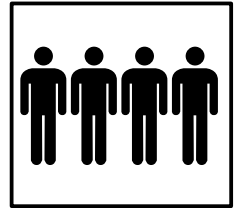
IF YOUR ROLL R COVER IS NOT FITTED TO THE VEHICLE PLEASE SKIP THIS PAGE AND PROCEED TO PAGE 4 OF 31.



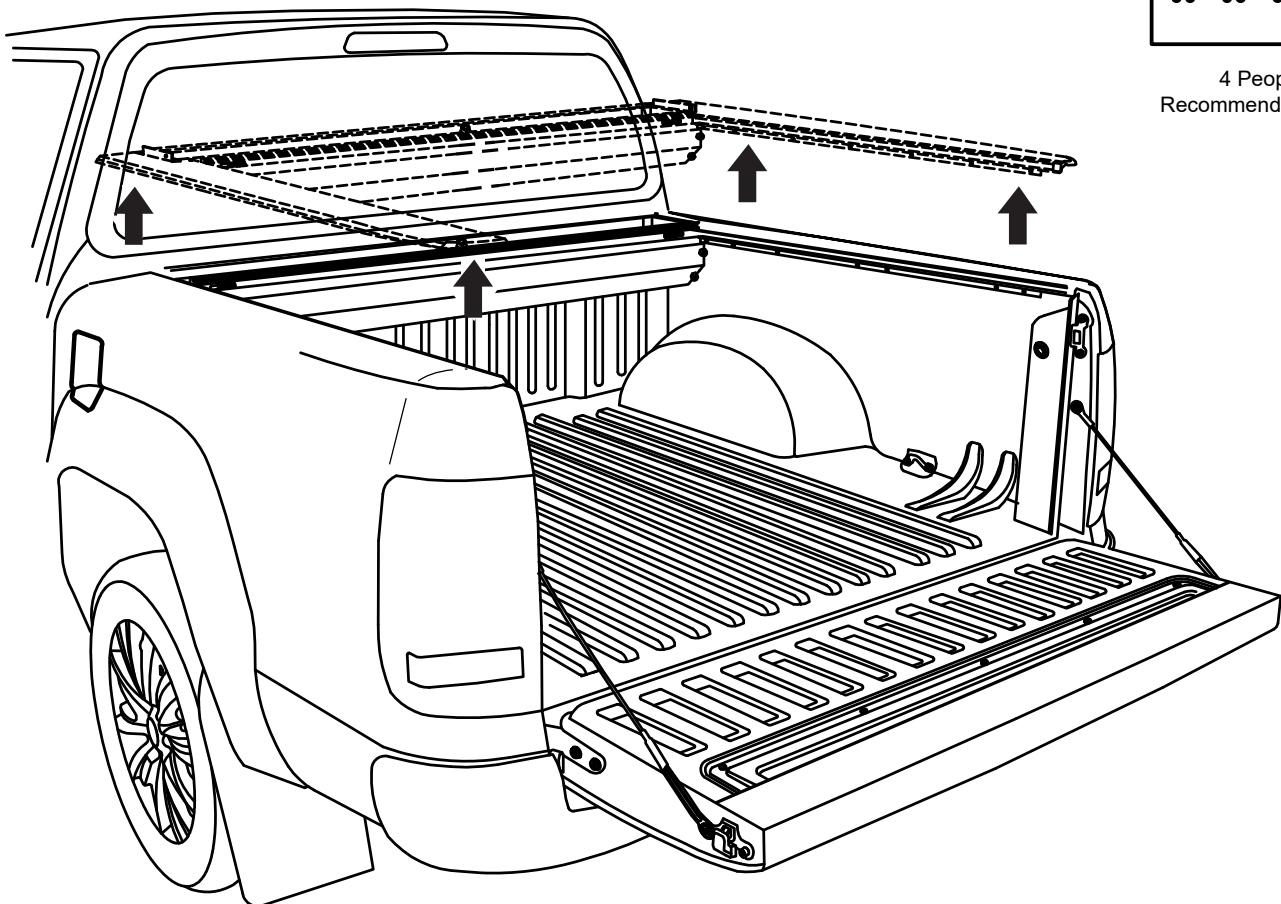
1. Loosen and remove all three clamps or any bolts that are securing the clamp bracket of the roll covers to the ute tub.
2. Take out the drainage point from the canister.



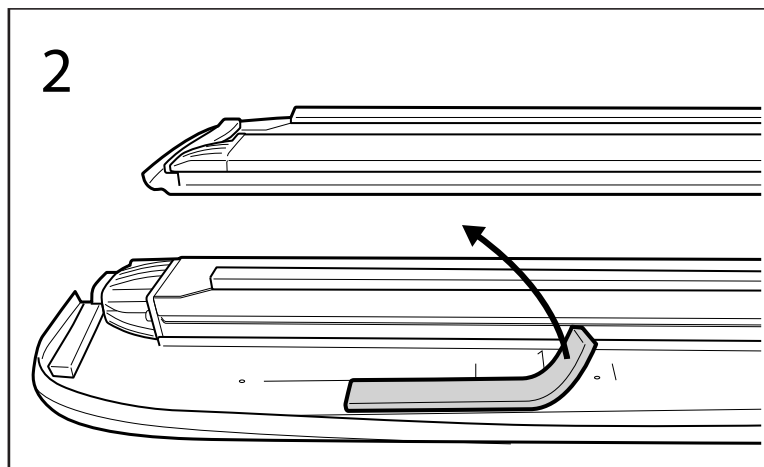
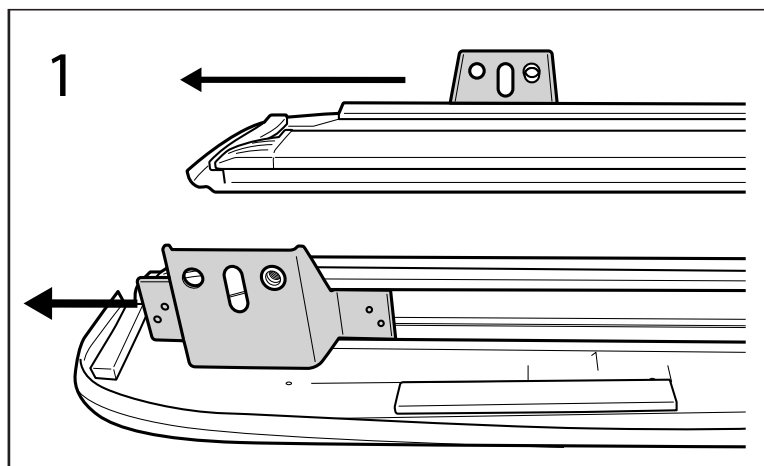
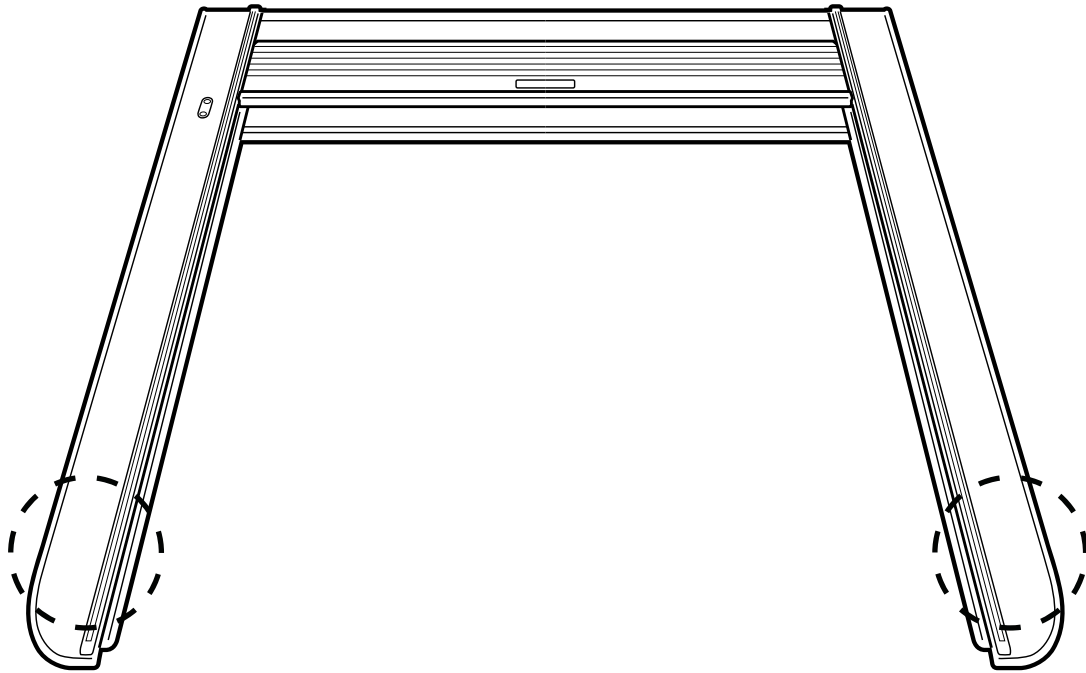
With aid Remove Roll-R-Cover unit from the ute tub.



4 People
Recommended for lift



1. Remove and discard the rear clamp brackets on the left and right side rails as indicated.
2. If your side rail is fitted with a foam pad at the rear of the side rails, remove and discard.



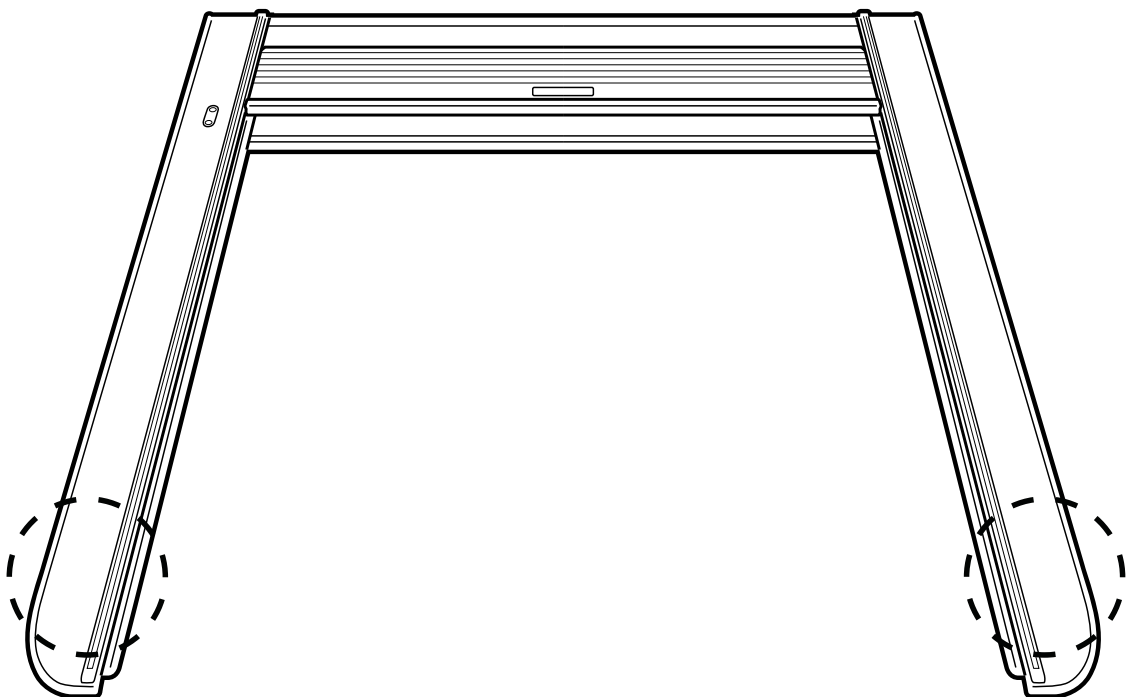
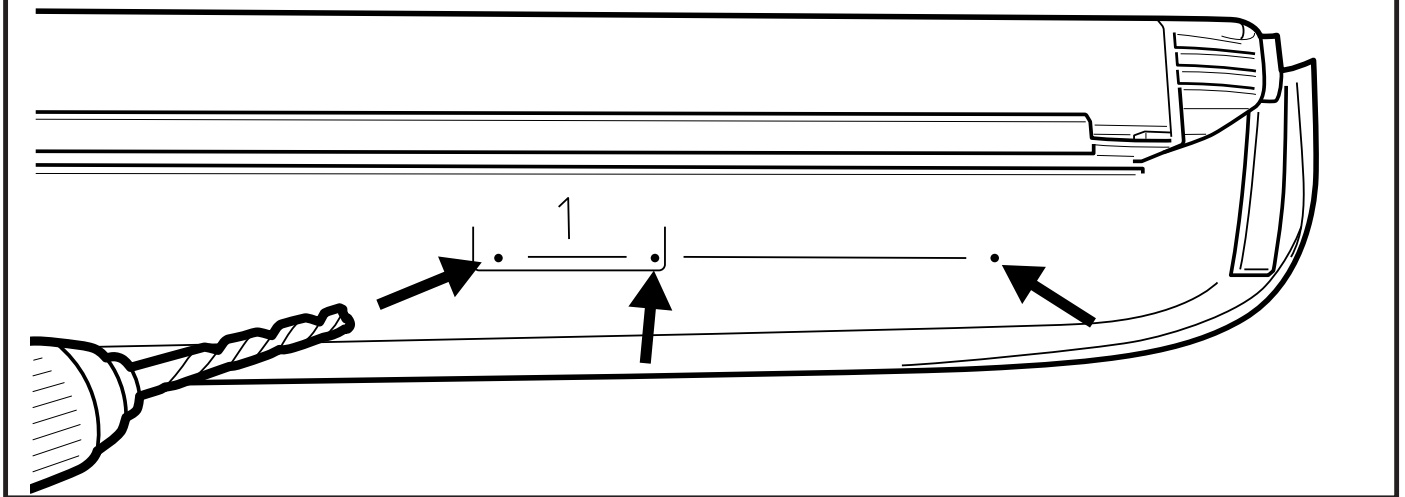
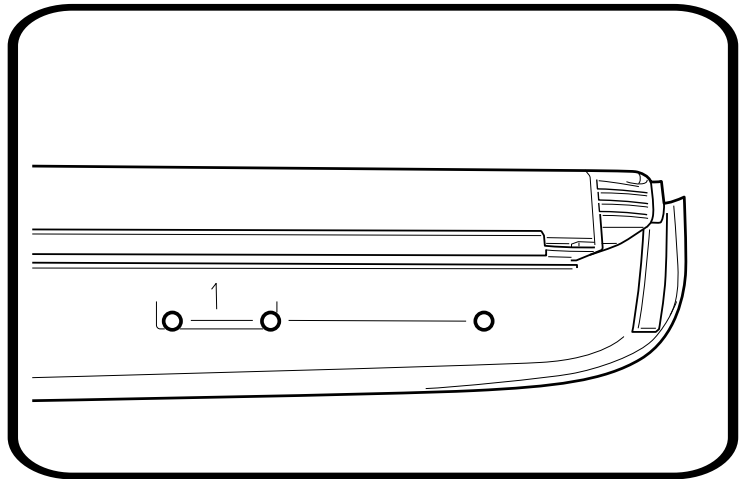
 VISUAL TIP

To identify the drilling points on your roll cover side rails, locate three points on the underside that are connected by a straight line. Drill these points using a 14mm drill bit.

If your side rails do not have these markings, please consult the vehicle-specific template provided in the kit for guidance on the drilling points.



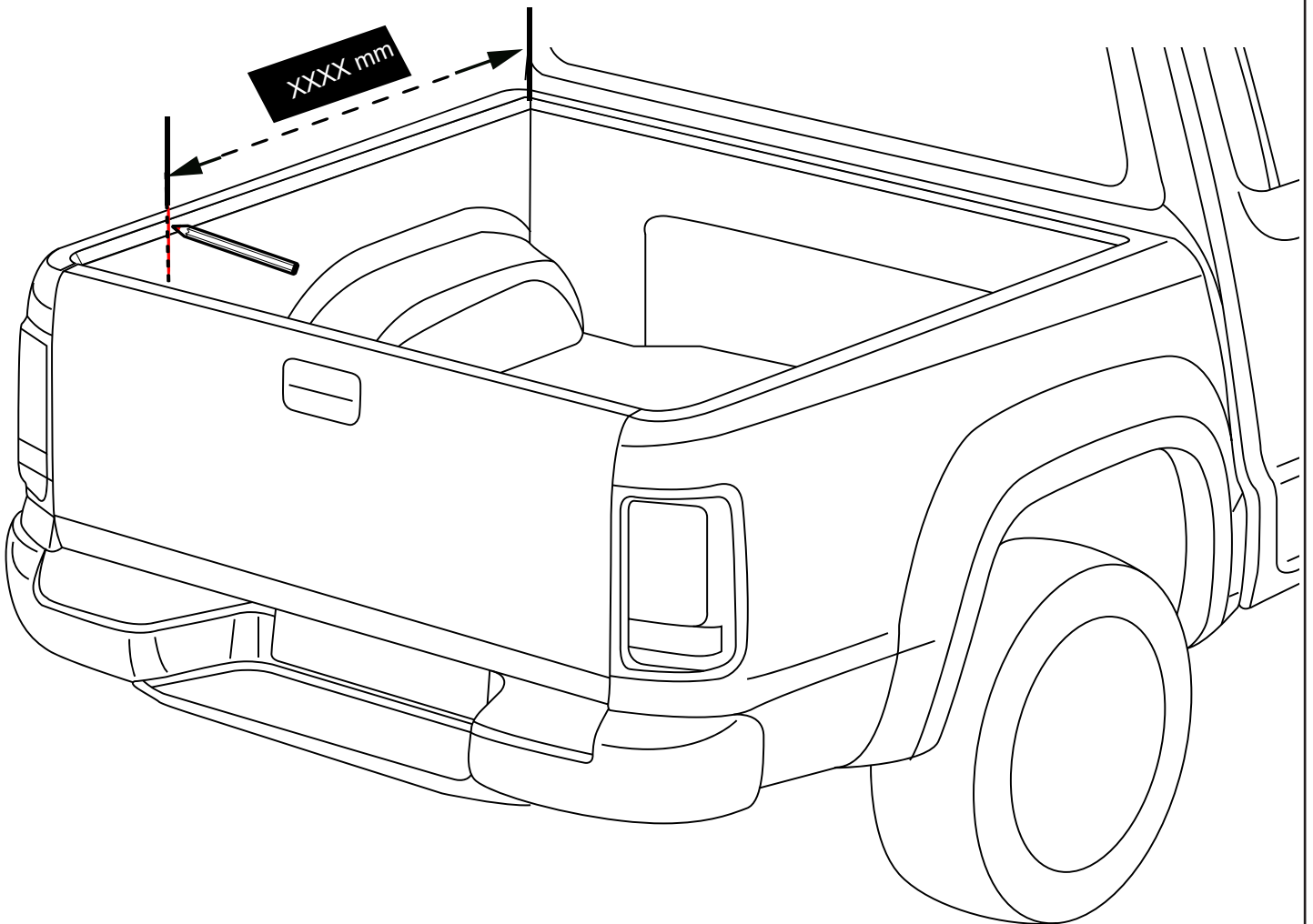
Exercise caution while drilling to ensure that the swarf remains clear of the curtain.



Tub preparation

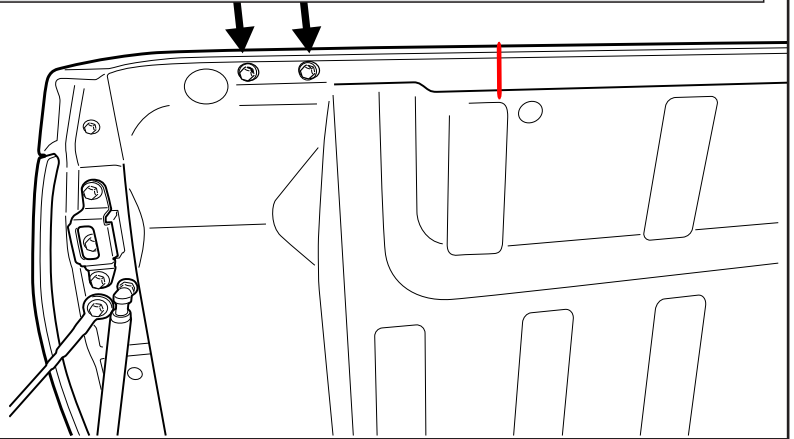
Refer to the vehicle-specific table provided and follow the measurements listed there. Start by measuring from the inside of the front rail of the tub along the top edge of the tray for xxxx mm (windscreen end), then mark the position as indicated. Repeat to the other side.

Ford Ranger PX (2011-2022)	1092mm
GWM Cannon ute	1178mm
LDV T60	1139mm
Isuzu Dmax 2021+	1175mm
Mazda BT50 2021+	1175mm
Nissan Navara 2020+	1093mm
Toyota Hilux A	1132mm
Toyota Hilux J Deck 2016+.	1133mm



! If your ute bed is equipped with factory bolts to the locations indicated, please skip to page 10 of 31. !

If your ute bed is equipped with factory bolts to the locations indicated, please skip to page 7 of 22.

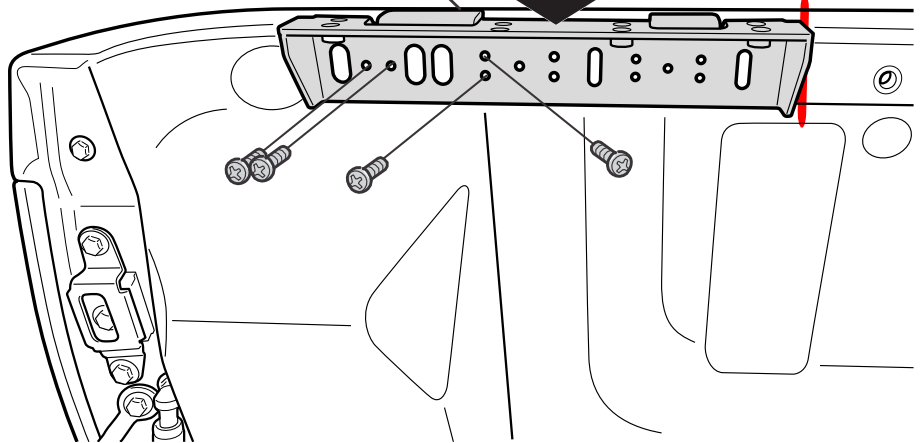


Position LR-SF-001LH to the top of the side panel of the tub. Making sure to align the front of the bracket with the previously marked line. Apply firm downward pressure on the bracket and secure it by using the provided self-drilling screw at the preferred locations indicated, if there is intrusion chose any of the other holes to drill through into the ute tub inner bed rail.

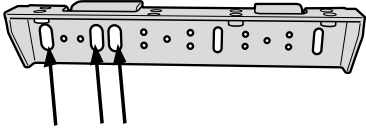


 VISUAL TIP

LR-SF-001LH

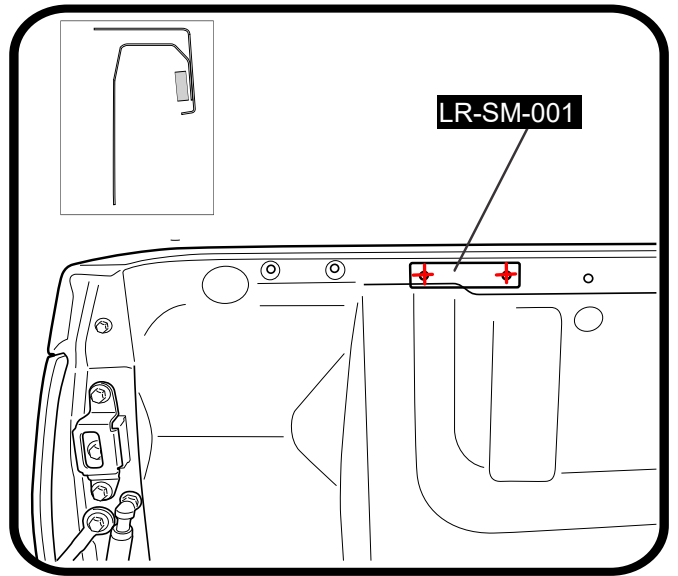
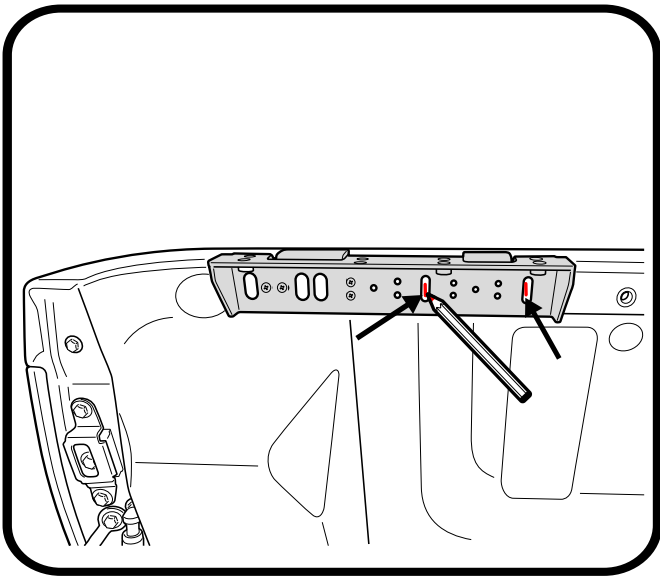


Bracket orientation:
Ensure that the three large elongated holes are facing towards the tailgate.

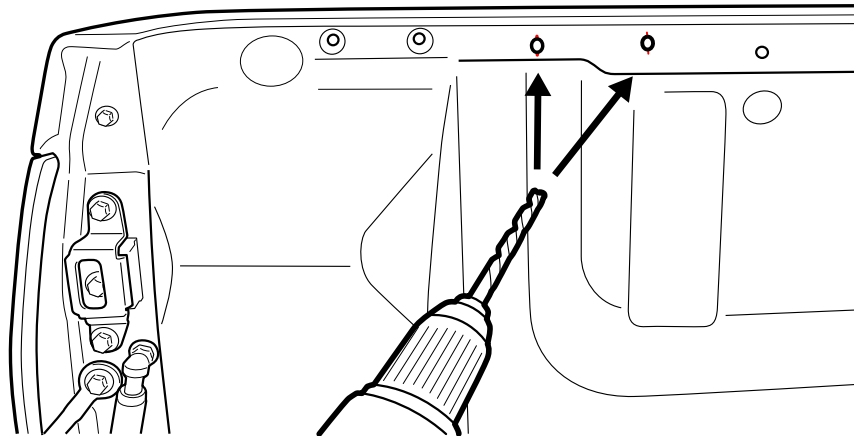


1. Mark the tubs inner lip through the indicated elongated holes.
2. Now remove the bracket assembly by unfastening the M8 bolts.

Align the threads of the LR-SM-001 channel nut with the inside lip of the top rail of the ute tub, and push it upwards as far as possible until it reaches the structural fold. Then, use the threads on the channel nut as a reference to identify and mark the drilling points.



At the marked points, use an 8mm drill bit to bore through the top inner rail of the tub.



1. Place the LR Spacer on the top rail of the ute tub.
2. Place LR-SF-001LH over LR spacer and align brackets accordingly to the threads and previously drilled holes.



If you are installing this on a Toyota Hilux, please disregard this step, including the LR Spacer part, and proceed to page 9 OF 31.

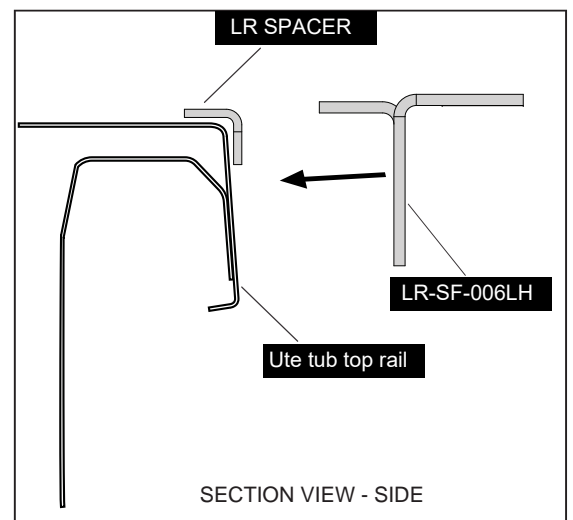
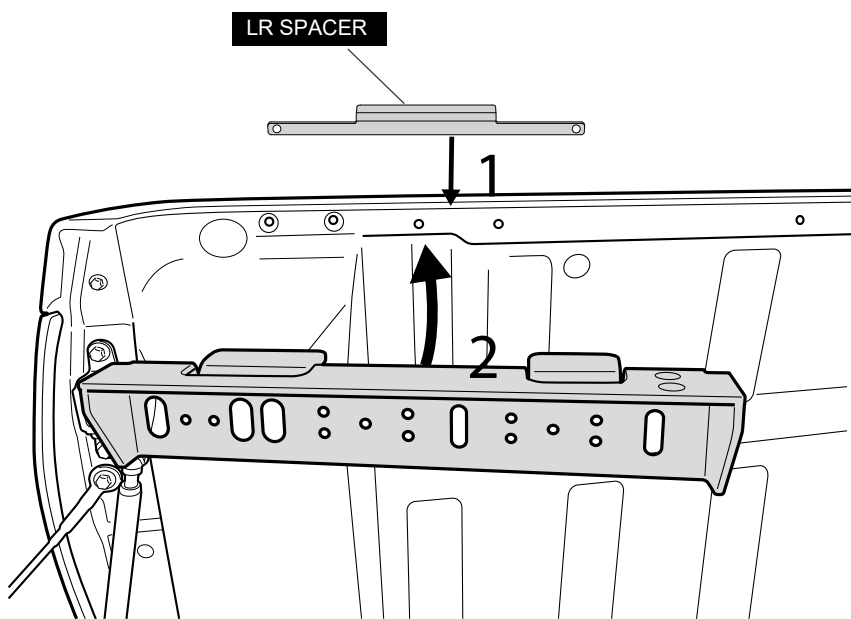
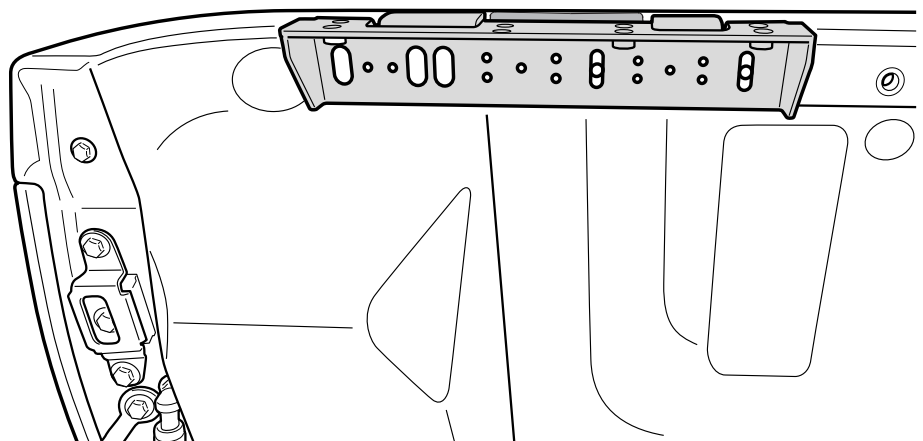
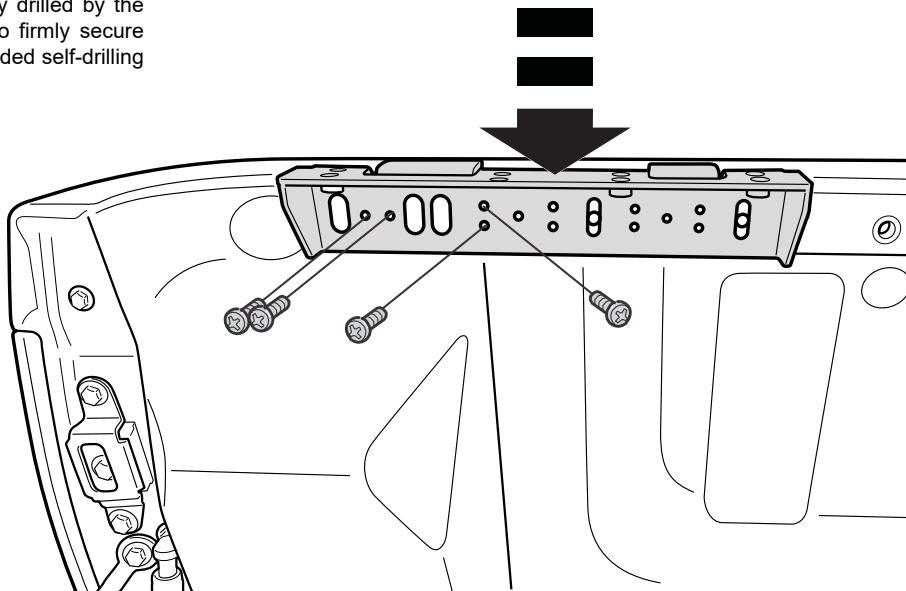


Illustration displaying properly aligned brackets.



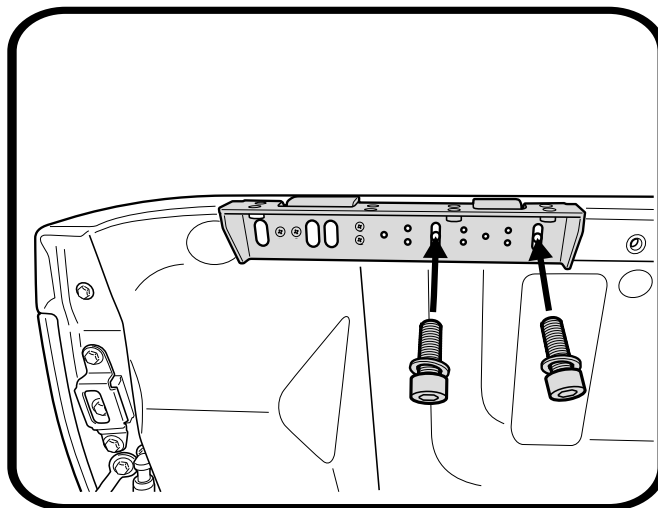
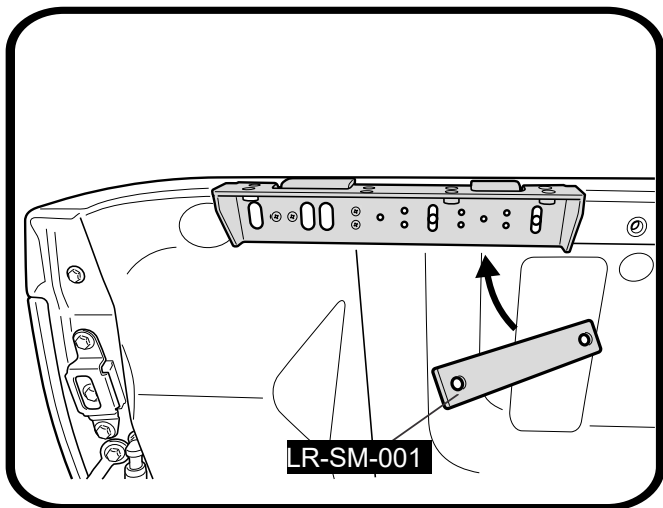
 VISUAL TIP

Align LR-SF-001LH bracket with the holes previously drilled by the self-drilling screws. Apply firm downward pressure to firmly secure the bracket, and then fasten it in place using the provided self-drilling screws.

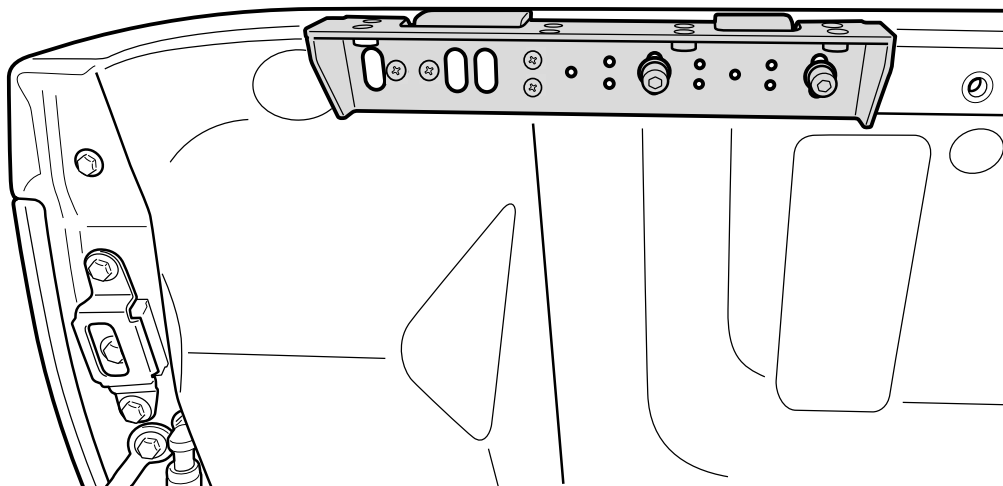


Position the LR-SM-001 channel nut onto the inner lip of the top rail of the tub, then align its threads with the holes that were previously drilled.

Fasten into position using M6x20mm socket head bolt followed by M6 spring washer.



Completed view.

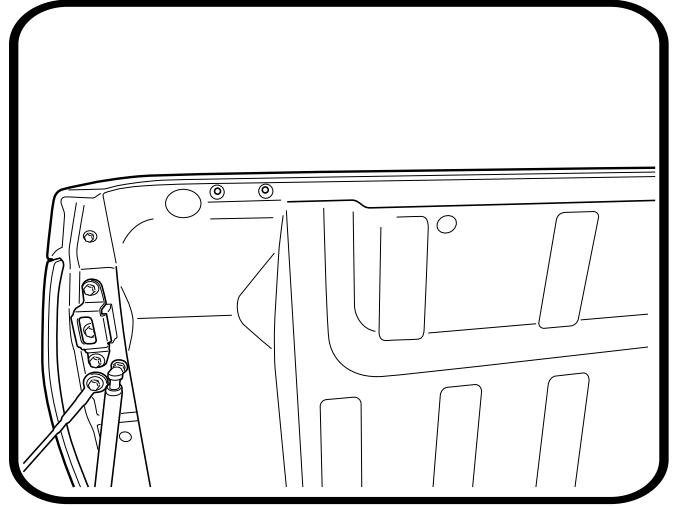
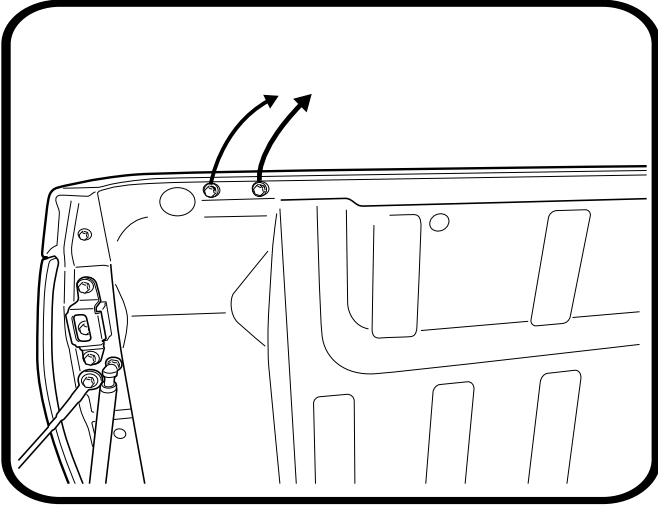


Please proceed to page 13 OF 31.



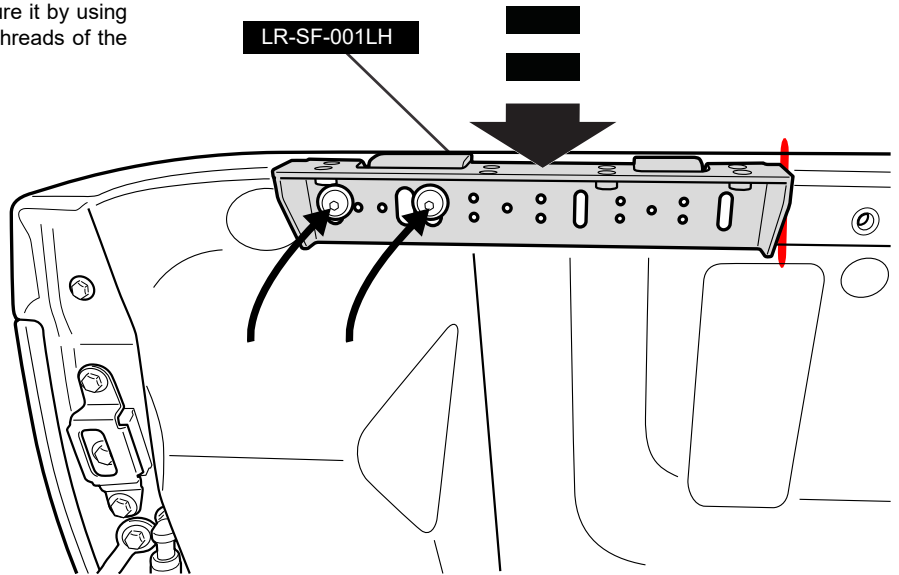
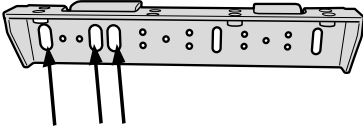
Tub preparation

Remove indicated factory bolts and discard.



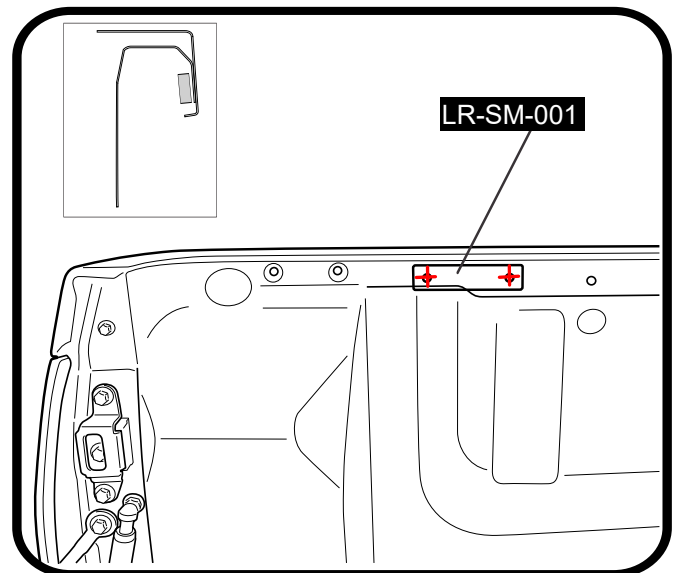
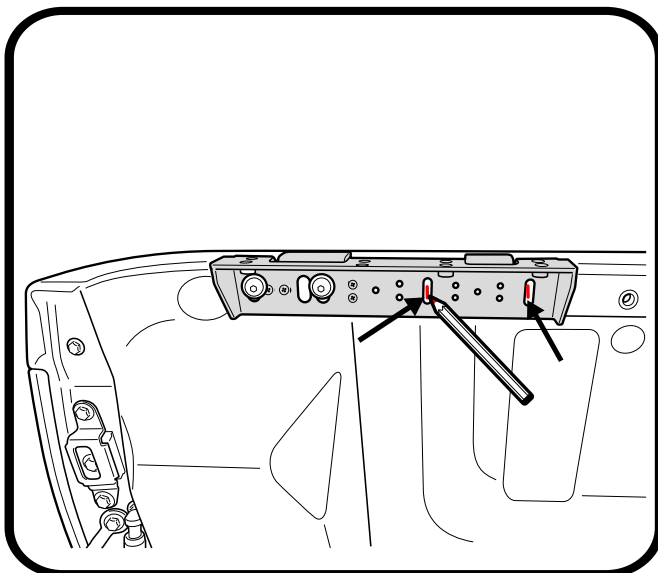
Position LR-SF-001LH to the top of the side panel of the tub. Making sure to align the front of the bracket with the previously marked line. Apply firm downward pressure on the bracket and secure it by using the provided M8x30mm Allen head bolt to the factory threads of the ute tub.

Bracket orientation:
Ensure that the three large elongated holes are facing towards the tailgate.

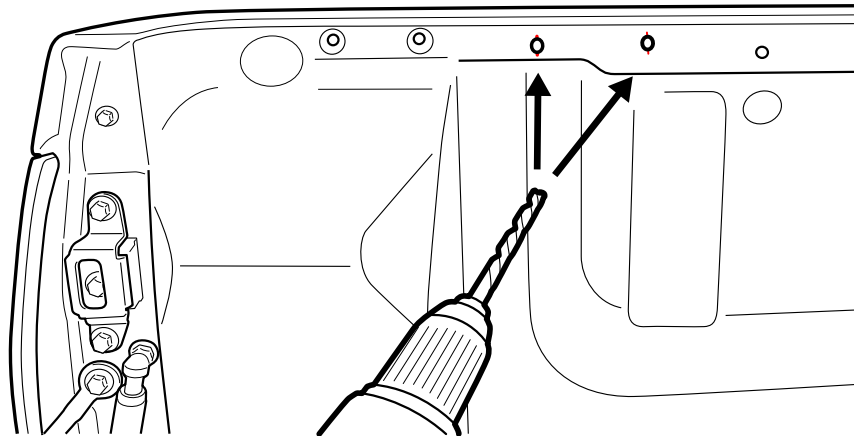


1. Mark the tub's inner lip through the indicated elongated holes.
2. Now remove the bracket assembly by unfastening the M8 bolts.

Align the threads of the LR-SM-001 channel nut with the inside lip of the top rail of the ute tub, and push it upwards as far as possible until it reaches the structural fold. Then, use the threads on the channel nut as a reference to identify and mark the drilling points.



At the marked points, use an 8mm drill bit to bore through the top inner rail of the tub.



1. Place the LR Spacer on the top rail of the ute tub.
2. Place LR-SF-001LH over LR spacer and align brackets accordingly to the threads and previously drilled holes.



If you are installing this on a Toyota Hilux, please disregard this step, including the LR Spacer part, and proceed to page 12 OF 30.

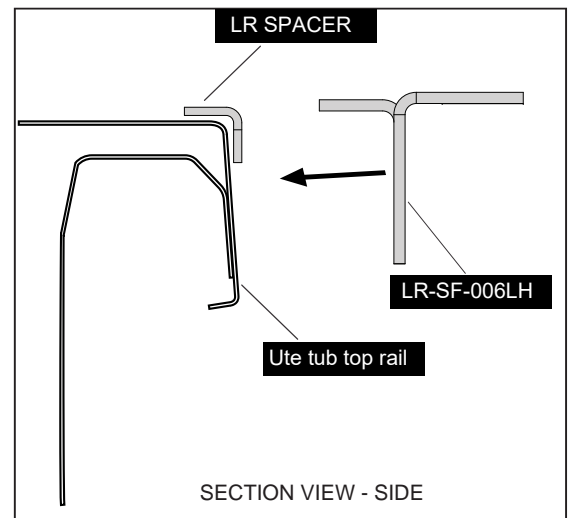
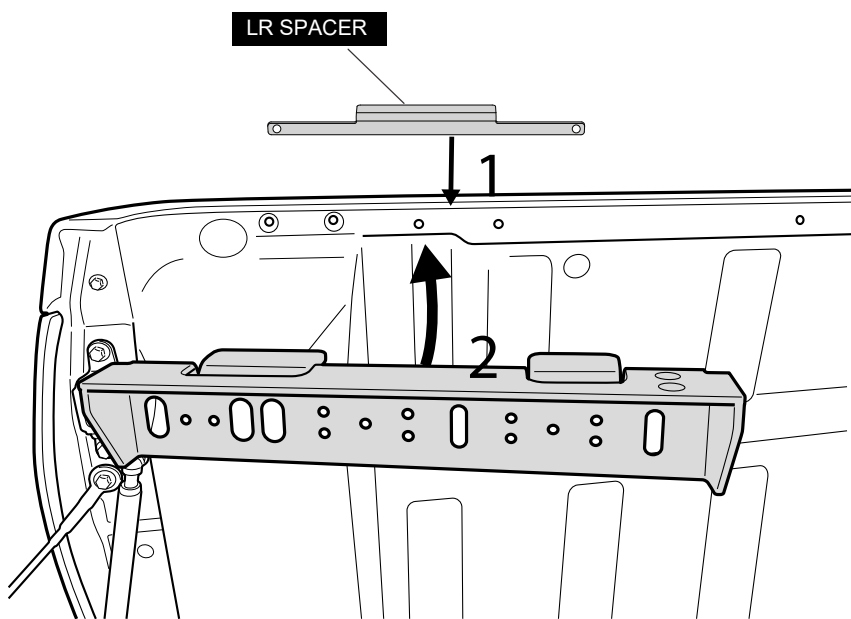
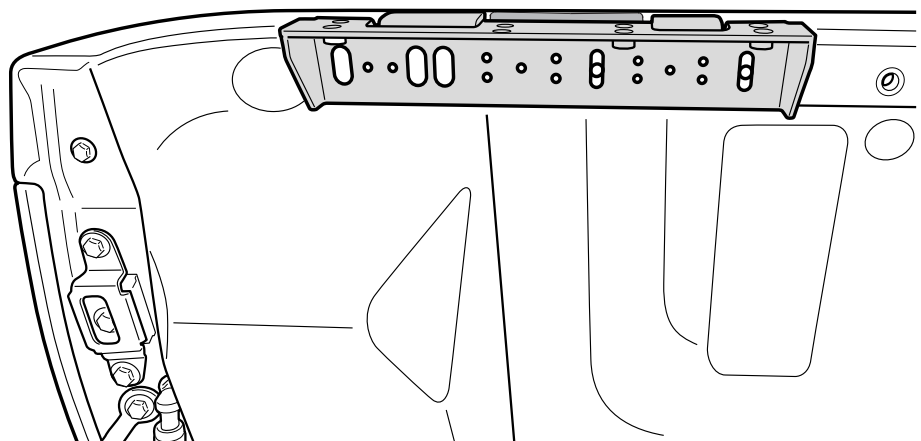
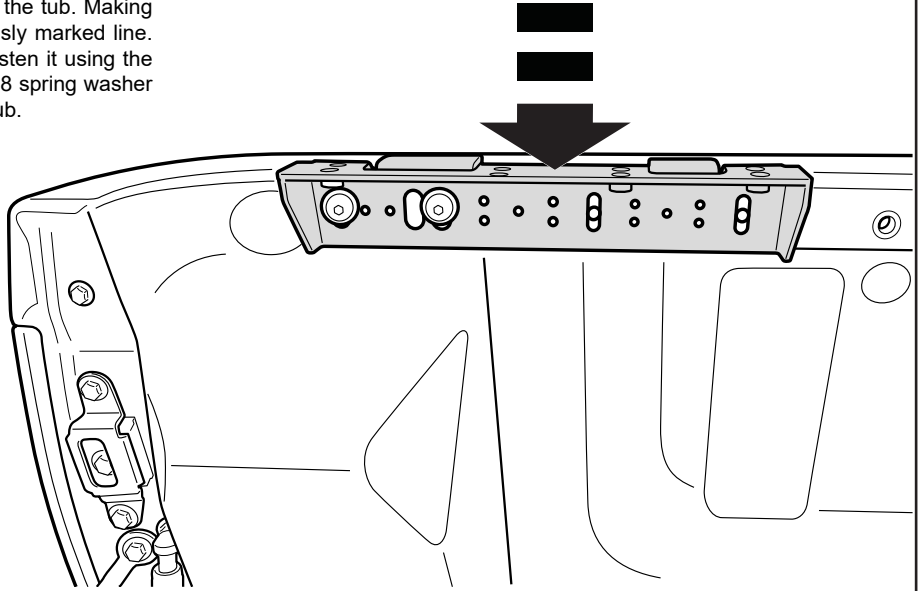


Illustration displaying properly aligned brackets.

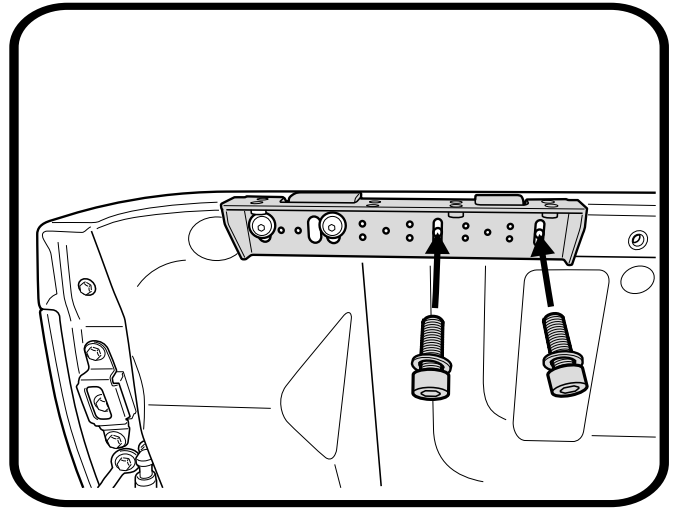
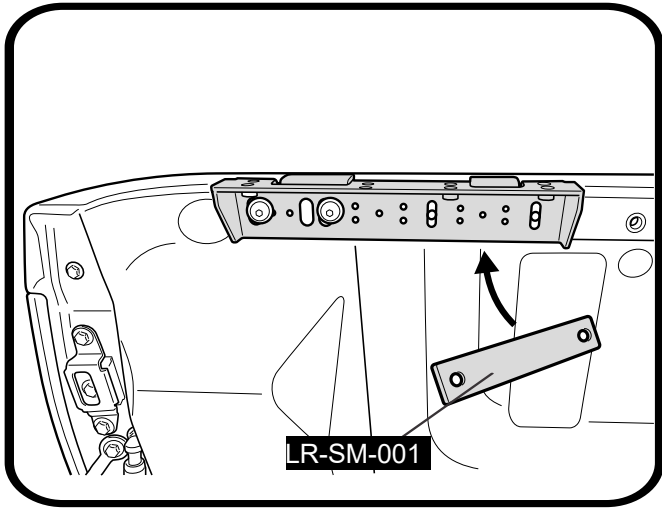


Position LR-SF-001LH to the top of the side panel of the tub. Making sure to align the front of the bracket with the previously marked line. Apply firm downward pressure on the bracket and fasten it using the provided M8x30mm Allen head bolt, along with the M8 spring washer and M8 flat washer, to the factory threads of the ute tub.

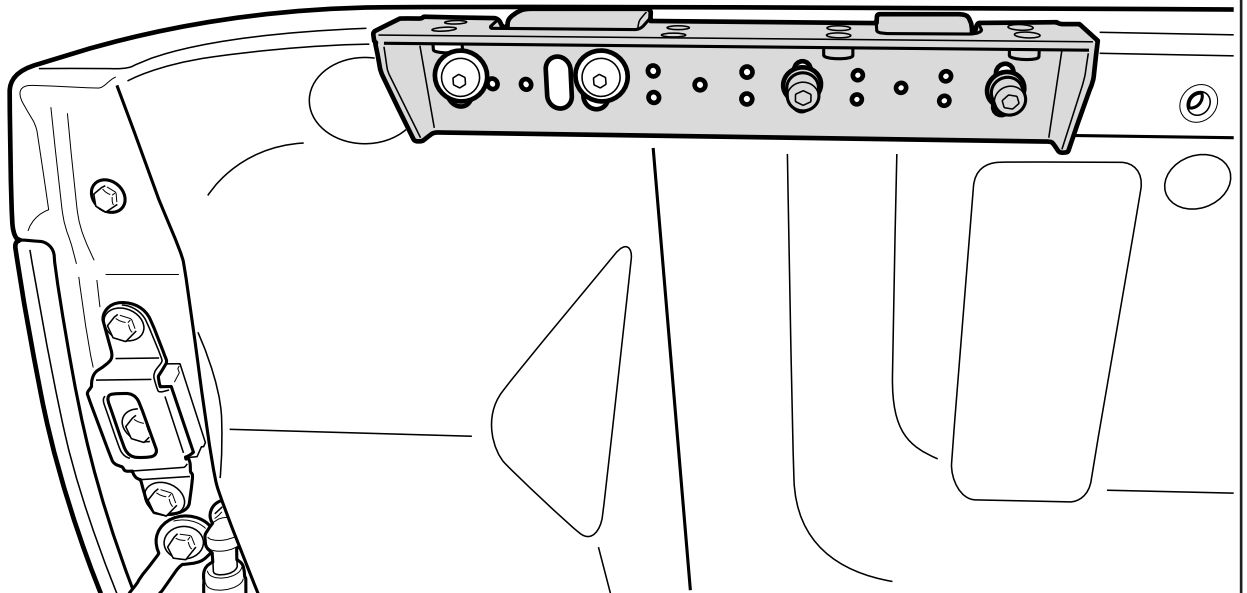


Position the LR-SM-001 channel nut onto the inner lip of the top rail of the tub, then align its threads with the holes that were previously drilled.

Fasten into position using M6x20mm socket head bolt followed by M6 spring washer.



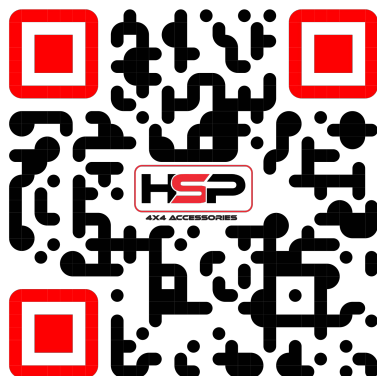
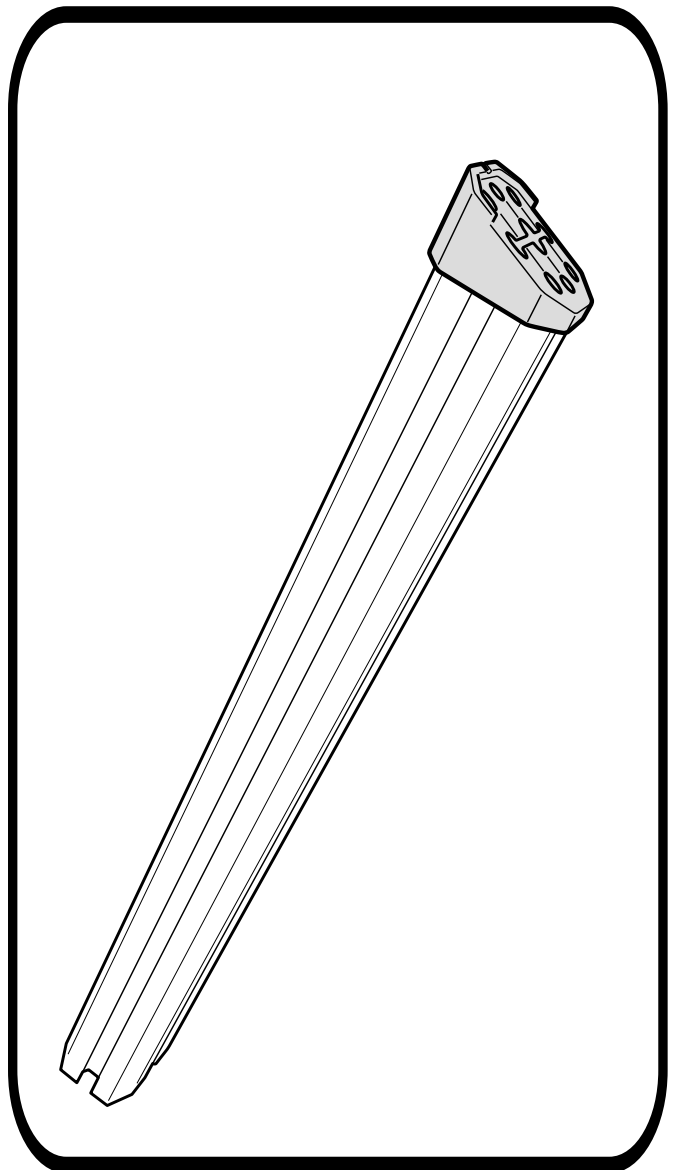
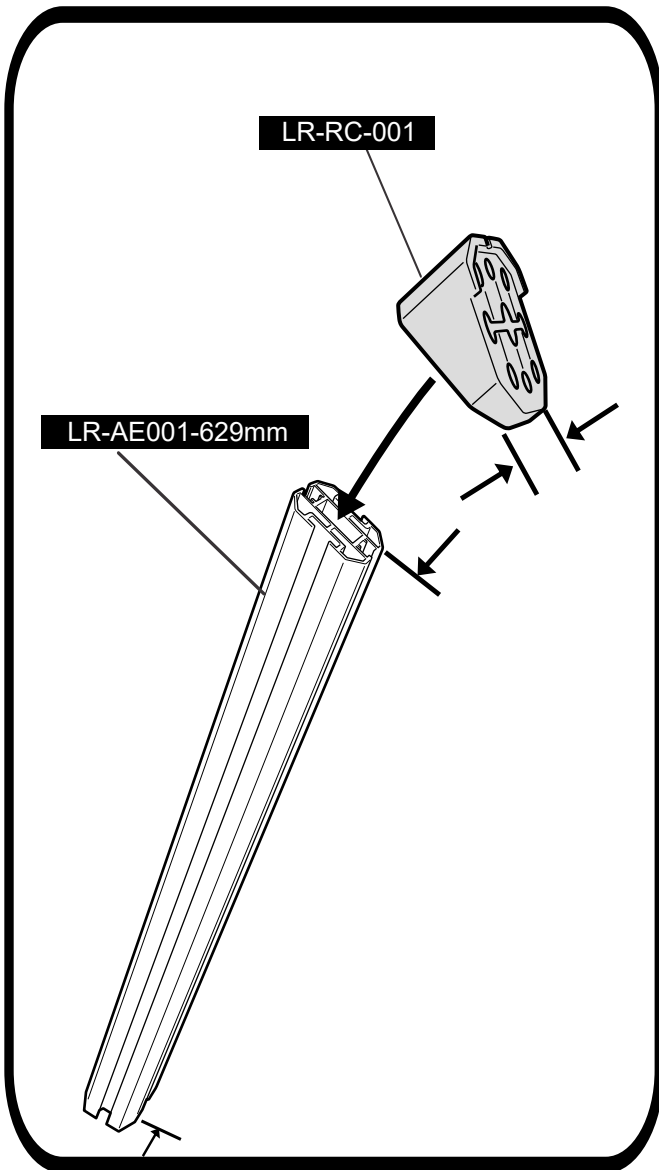
Completed view.



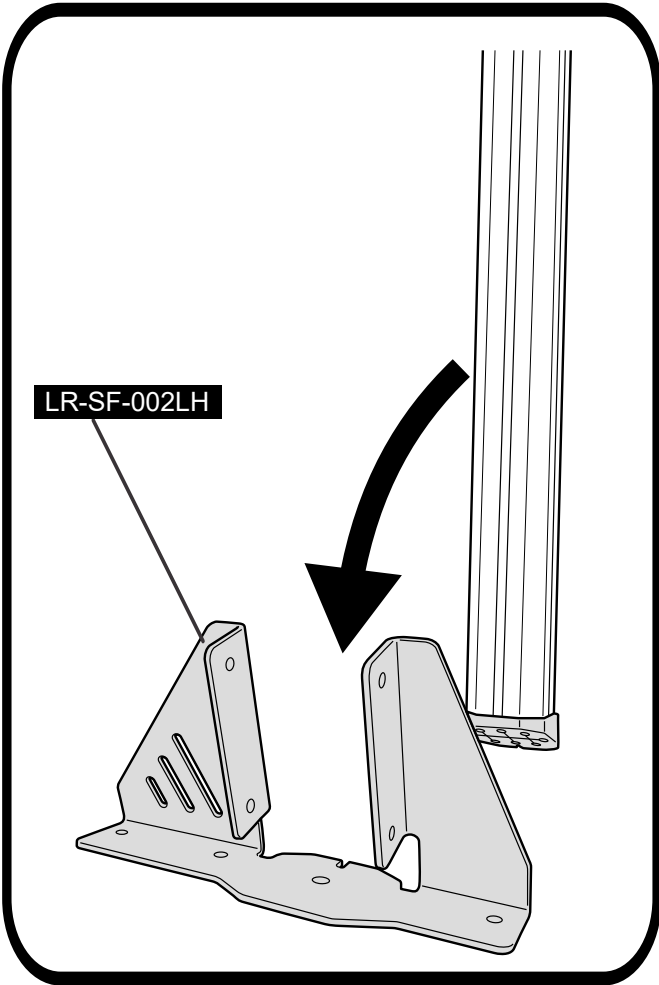
Load rack preparation.

The LR-AE001-629mm extrusion features a straight cut on one end and a 20 degree cut on the other end. To assemble, place the LR-RC-001 over the end of the extrusion with the 20 degree cut, following the specified orientation.

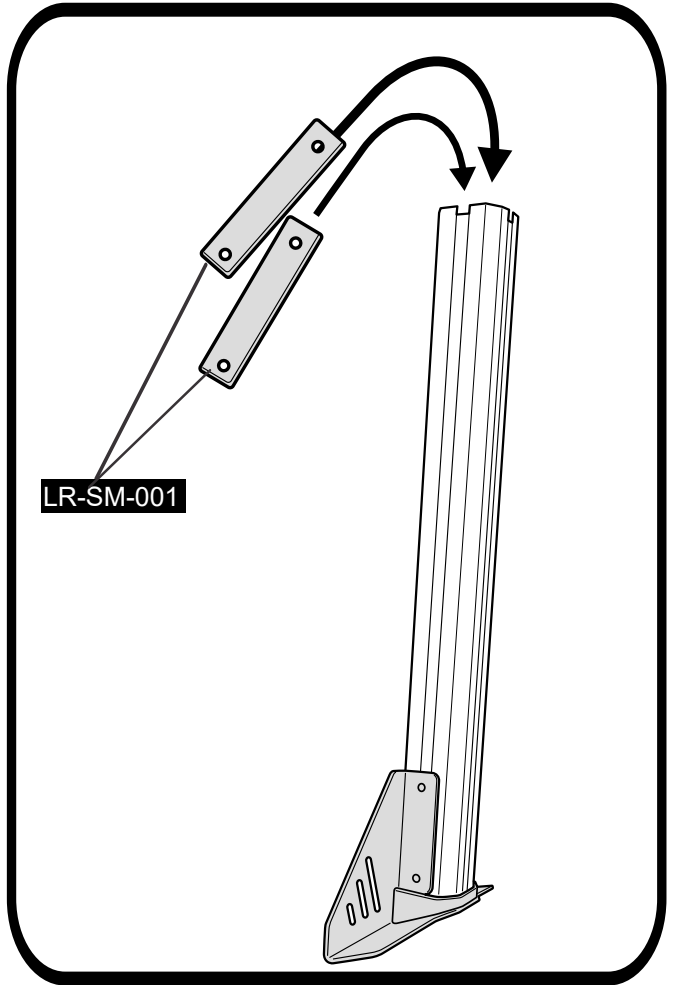
Assembled view.



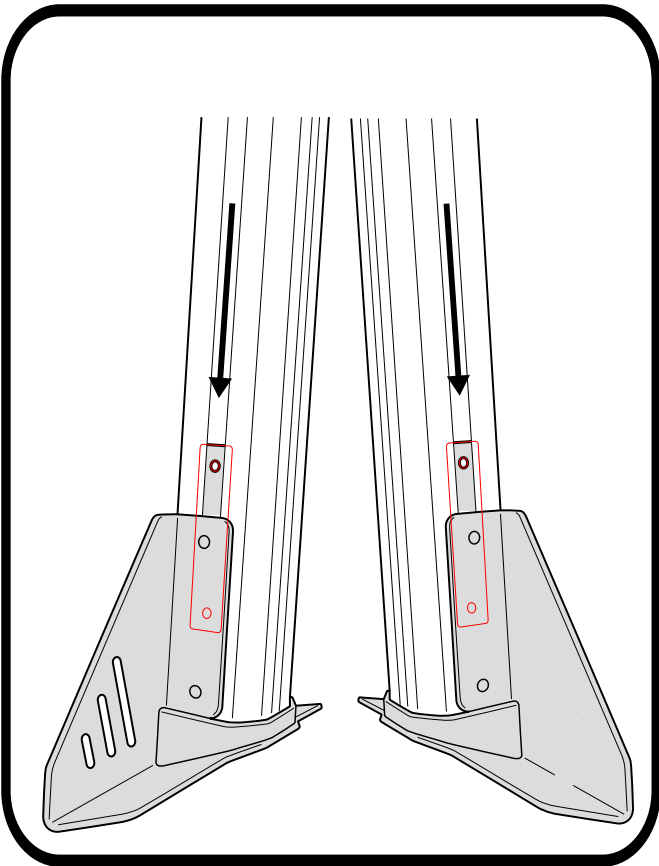
Position the previously assembled extrusion and align it with the specified orientation onto bracket LR-SF-002LH.



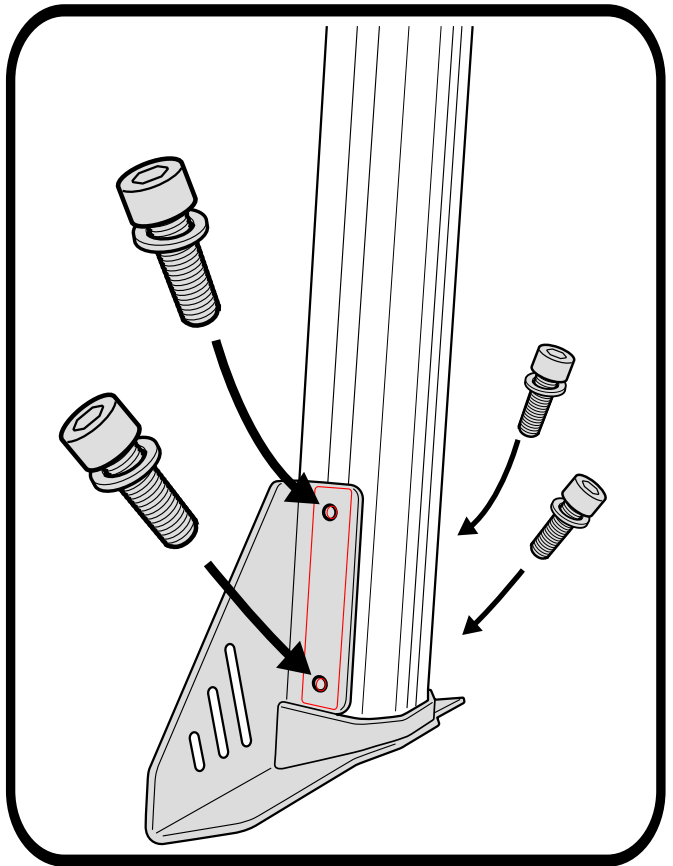
Slide channel nut LR-SM-001 into the indicated channels of the extrusion.



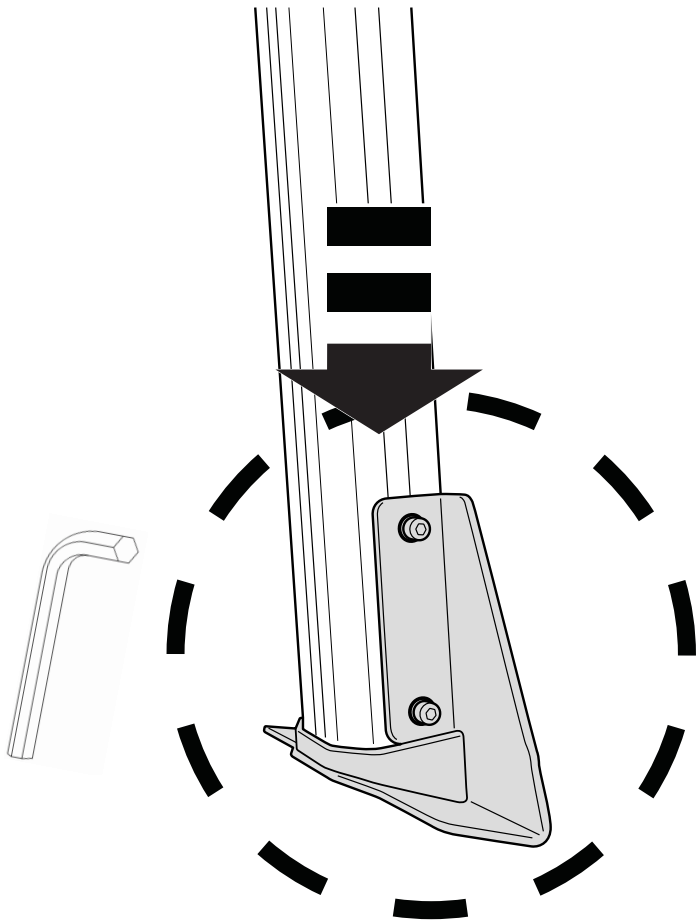
Adjust the thread of the channel nuts to align with the pre-drilled holes in the brackets.



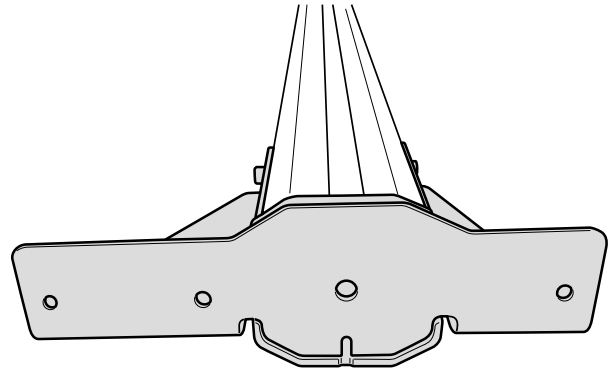
Loosely secure into position using the provided M6x16mm socket head bolt and M6 spring washer.



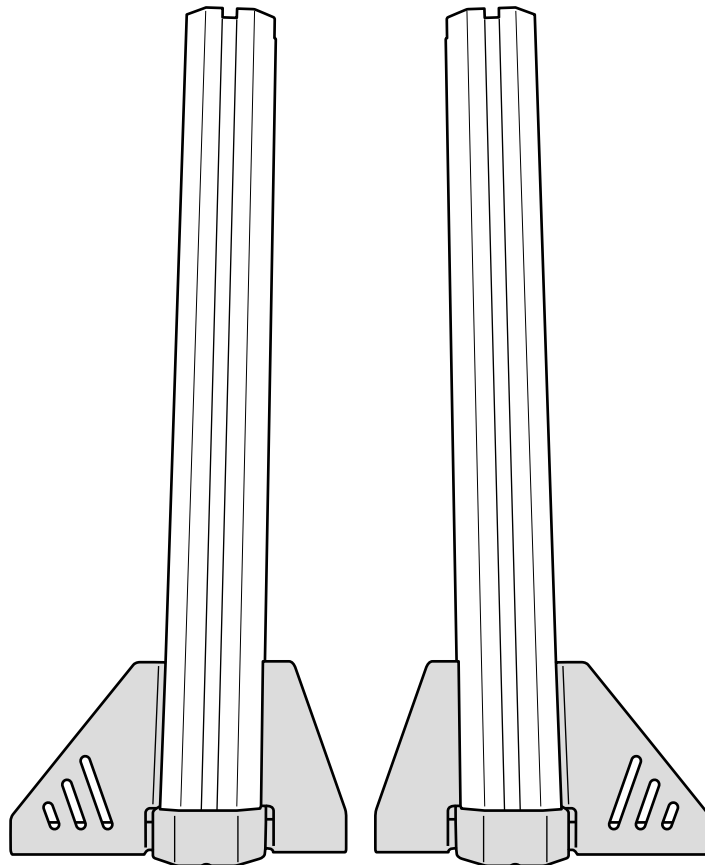
Press the extrusion firmly against the bracket and securely fasten all M6 socket head bolts.



View from below.

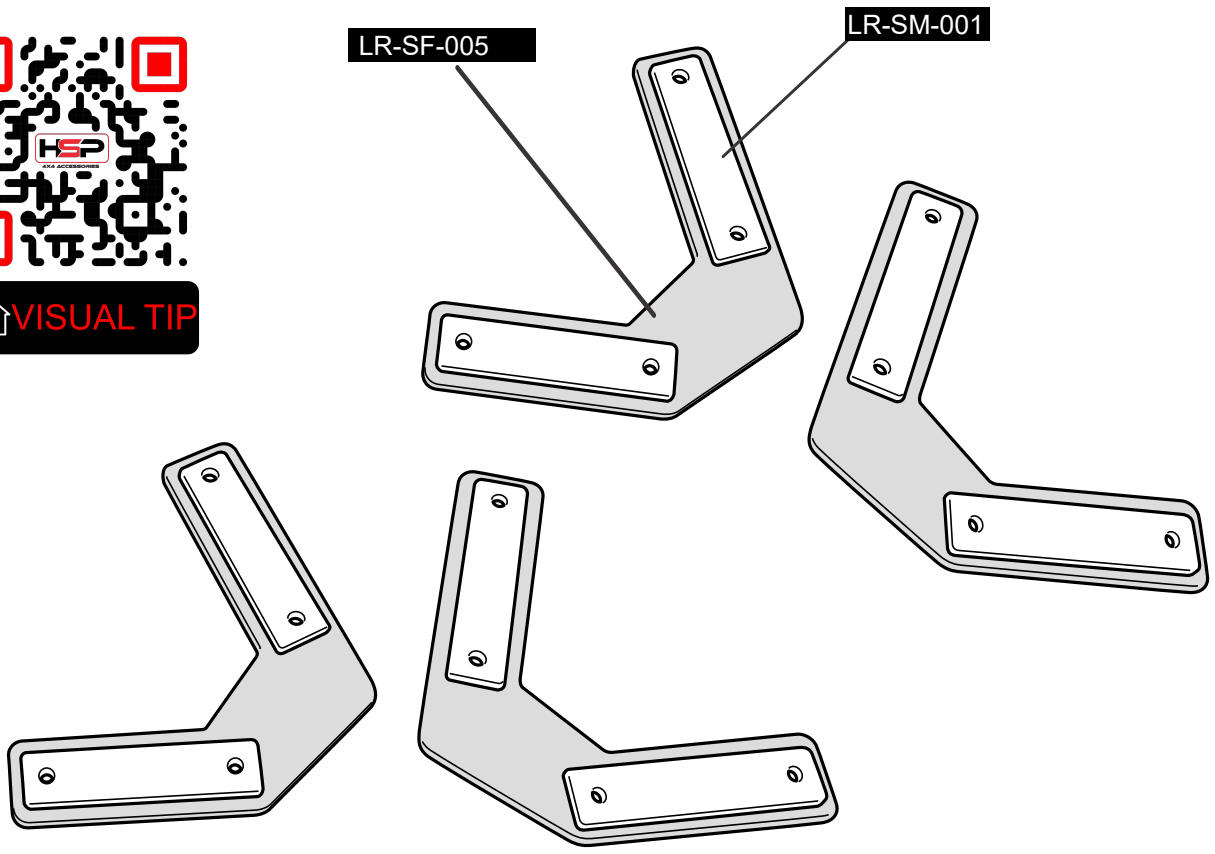
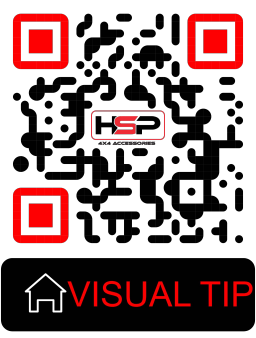


Follow the steps mentioned above to assemble the other ladder rack leg. It's important to note that the base bracket of the second leg must face in the opposite direction compared to the first assembled ladder rack leg.

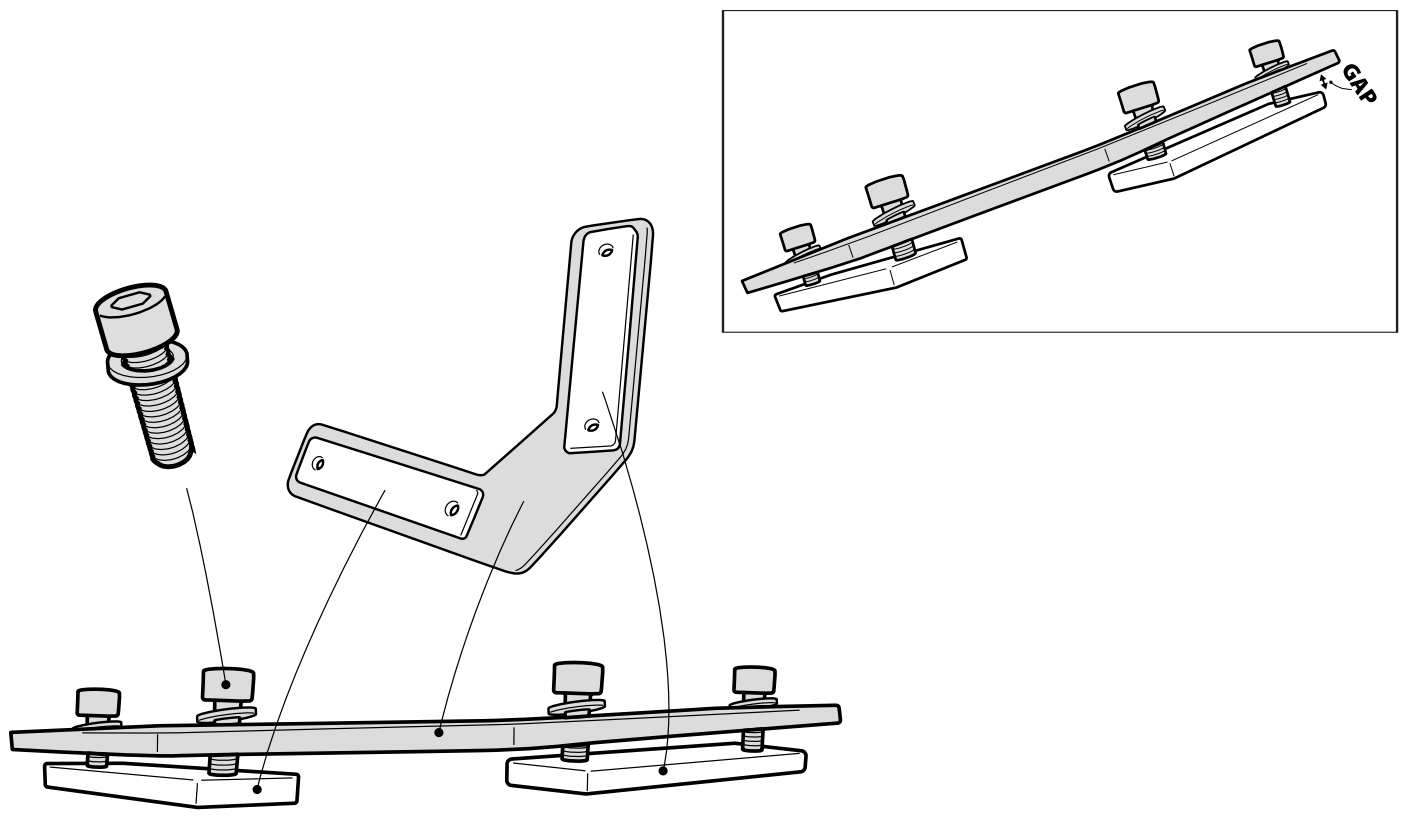


Ladder rack cross bar assembly.

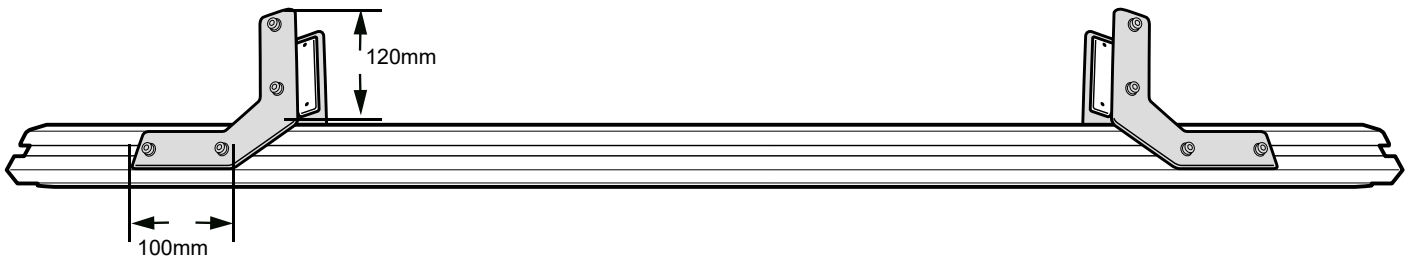
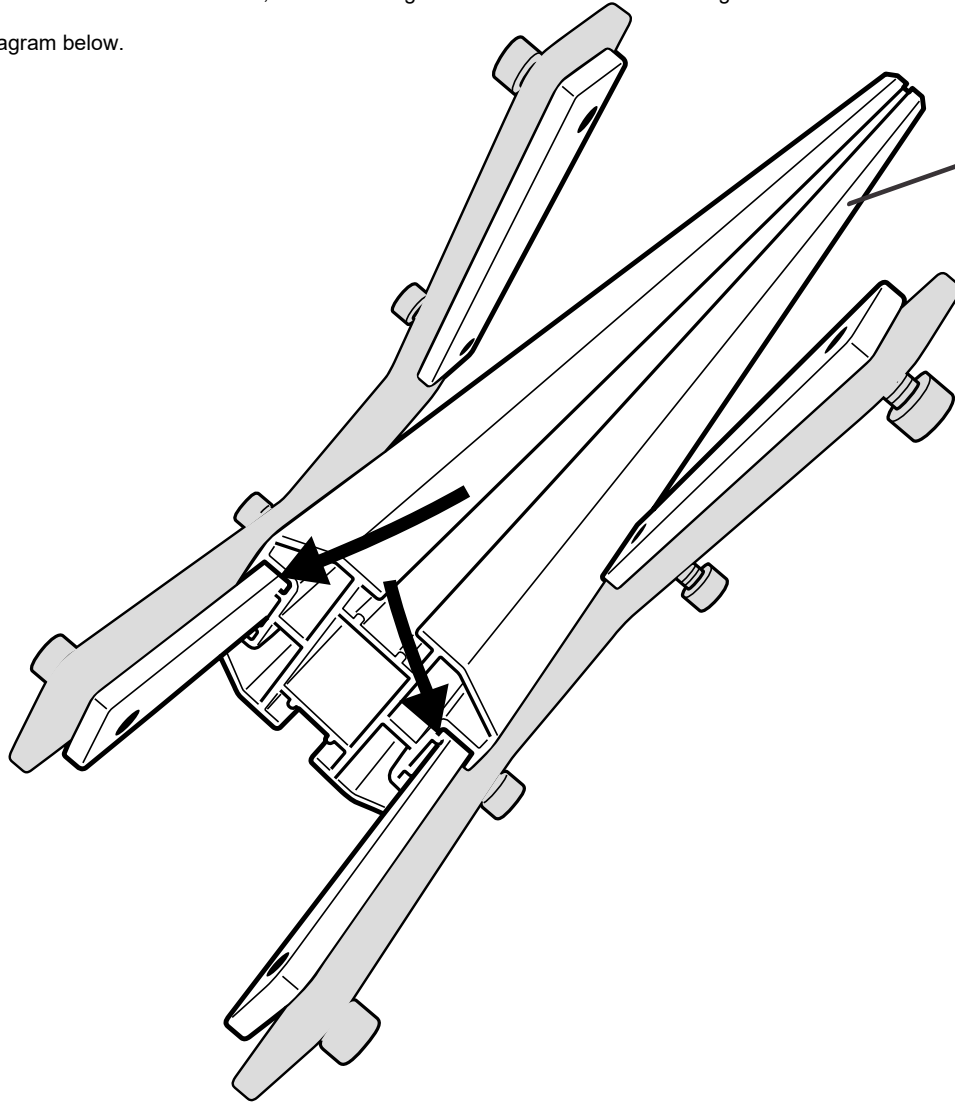
To assemble the cross brace bracket LR-SF-005, you will need to assemble two left-hand and two right-hand versions, along with channel nut LR-SM-001. Arrange both components according to the orientation indicated below.



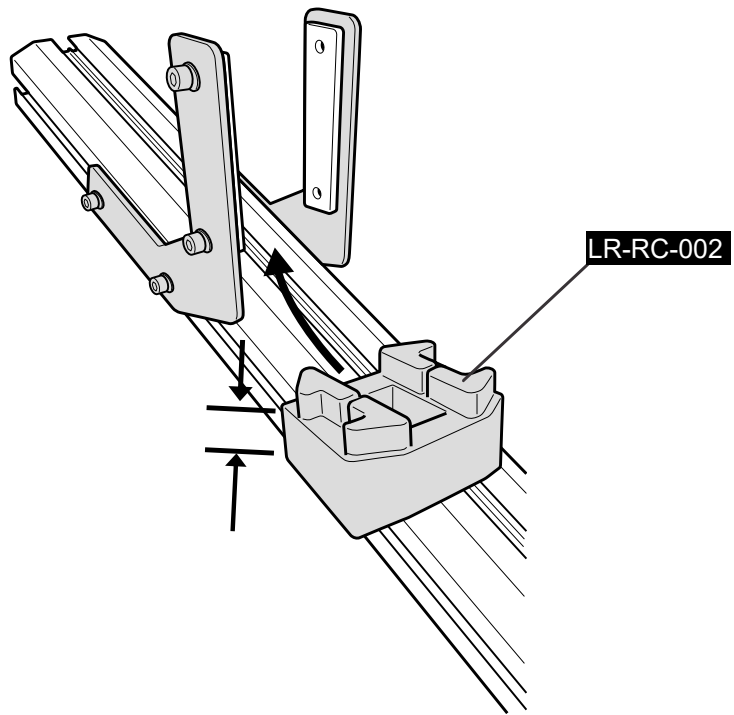
Use the provided M6x16mm socket head bolt and M6 spring washer to loosely secure into position. Repeat the process for the remaining three brackets, keeping them in the same orientation as the previous step.



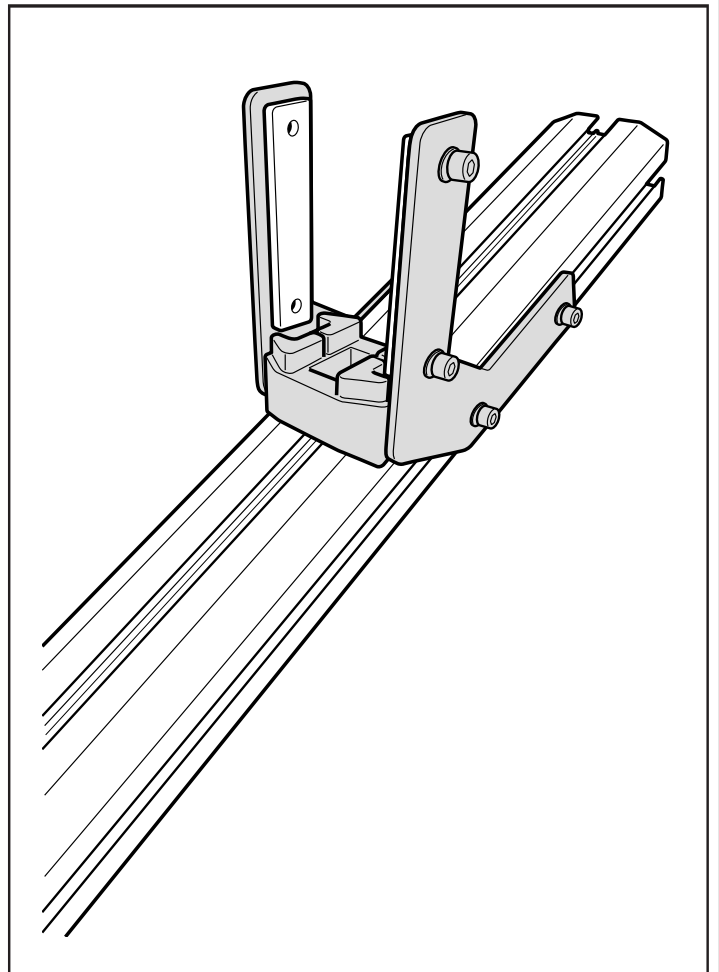
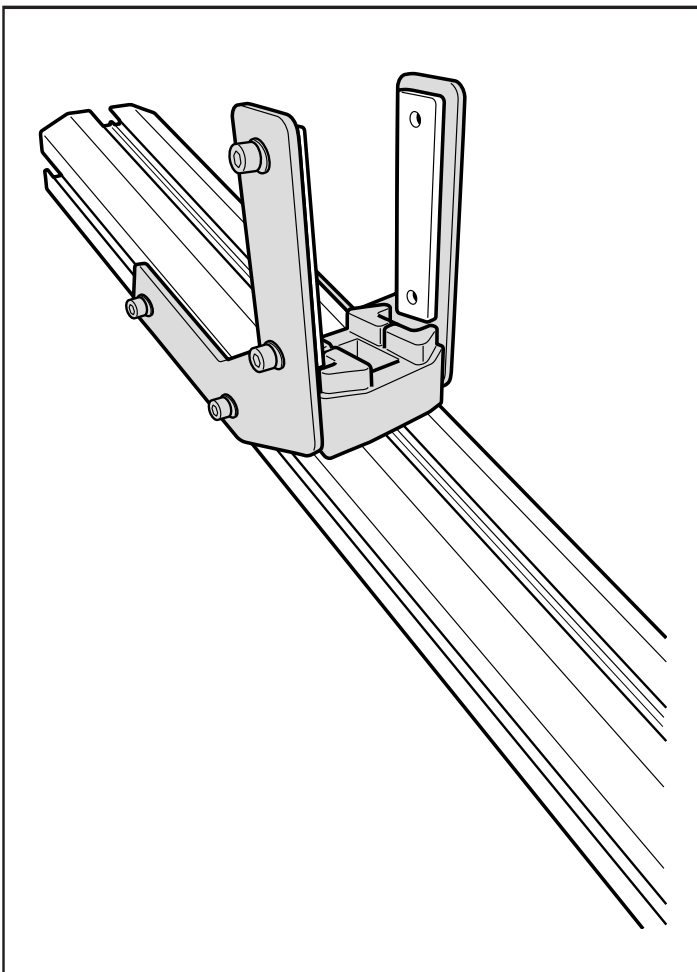
Insert the channel nut of the assembled cross brace brackets into the channels of the designated cross bars.
Note: The brace bracket has two faces, one measuring 100mm and the other measuring 120mm. Insert the face measuring 100mm into the indicated channels.
Refer to diagram below.



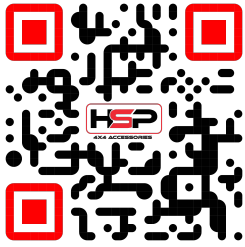
Position LR-RC-002 between the brace brackets, following the indicated orientation. Note that the thinner side of LR-RC-002 should face the end of the extrusion.



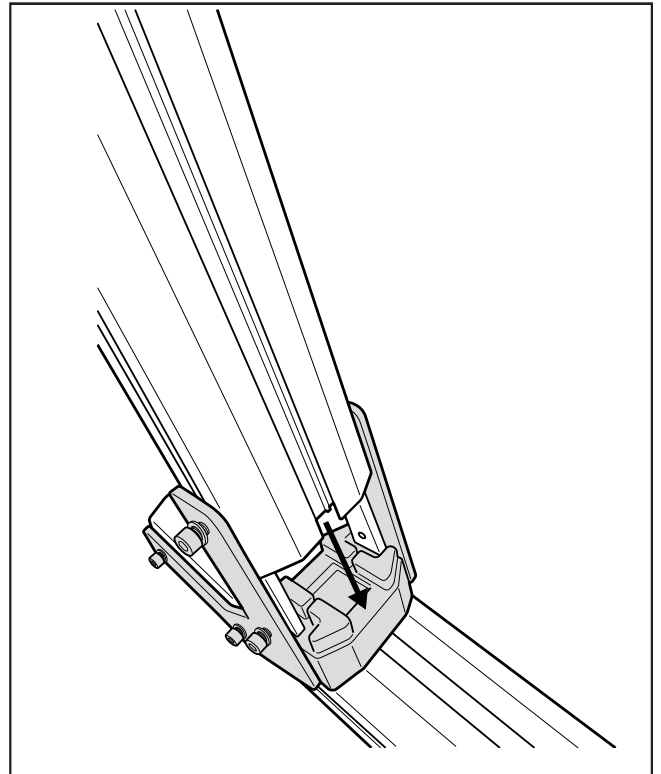
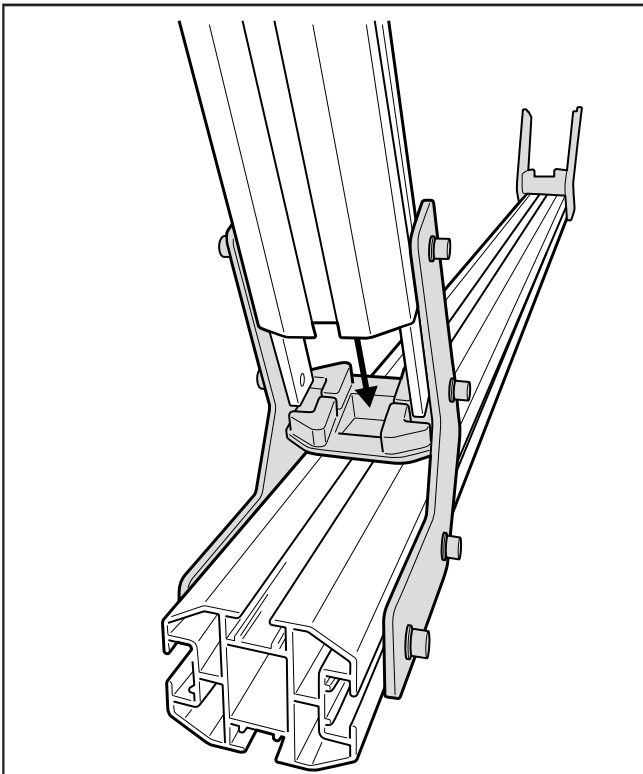
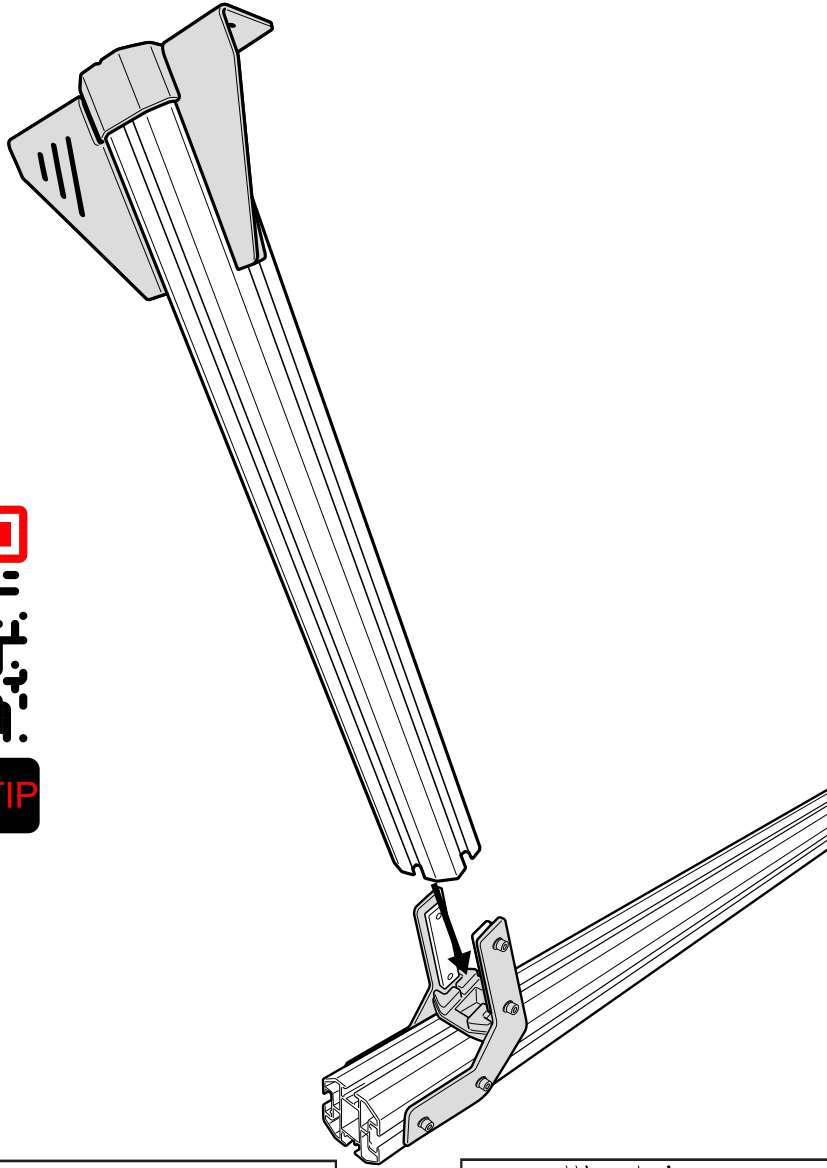
 VISUAL TIP



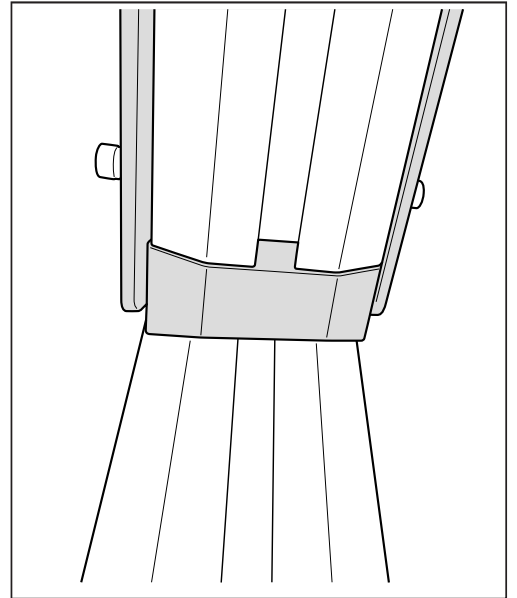
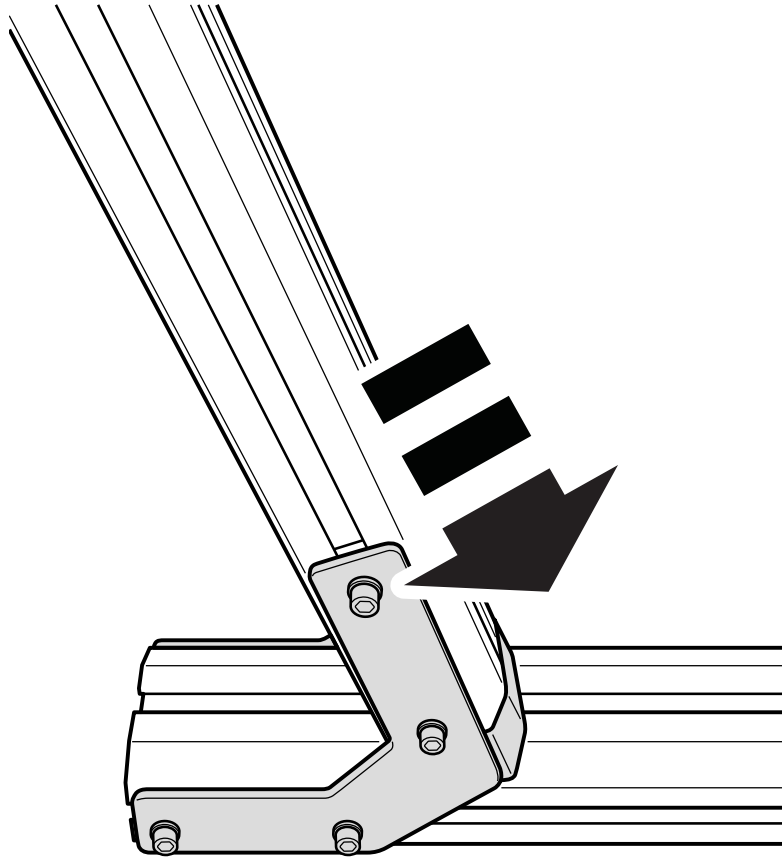
Insert the assembled cross bar legs into the channel nuts of the brace brackets, following the indicated orientation.



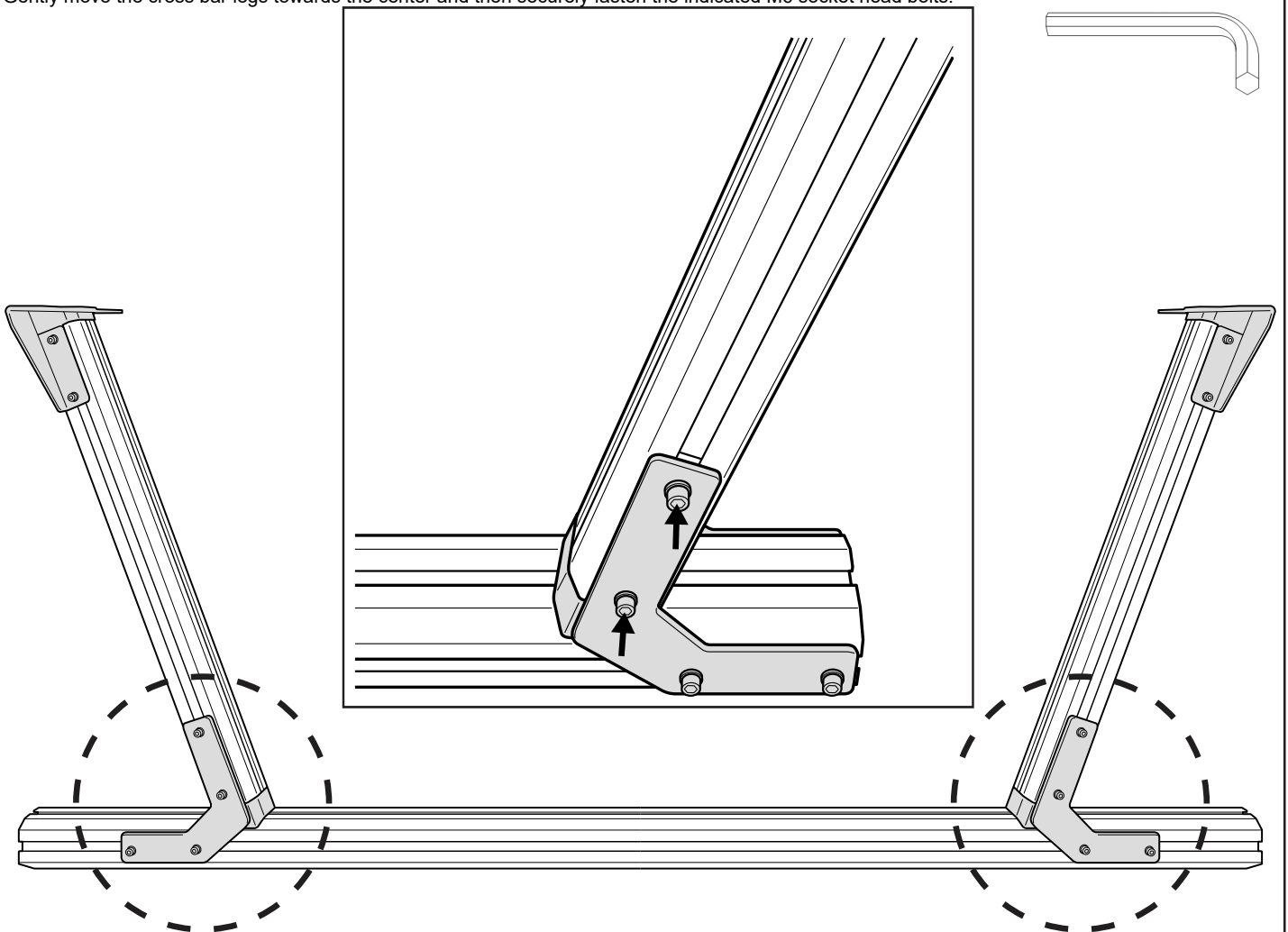
 **VISUAL TIP**



Apply firm pressure to the cross bar leg to ensure it is correctly seated and compresses LR-RC-002 against the crossbar.

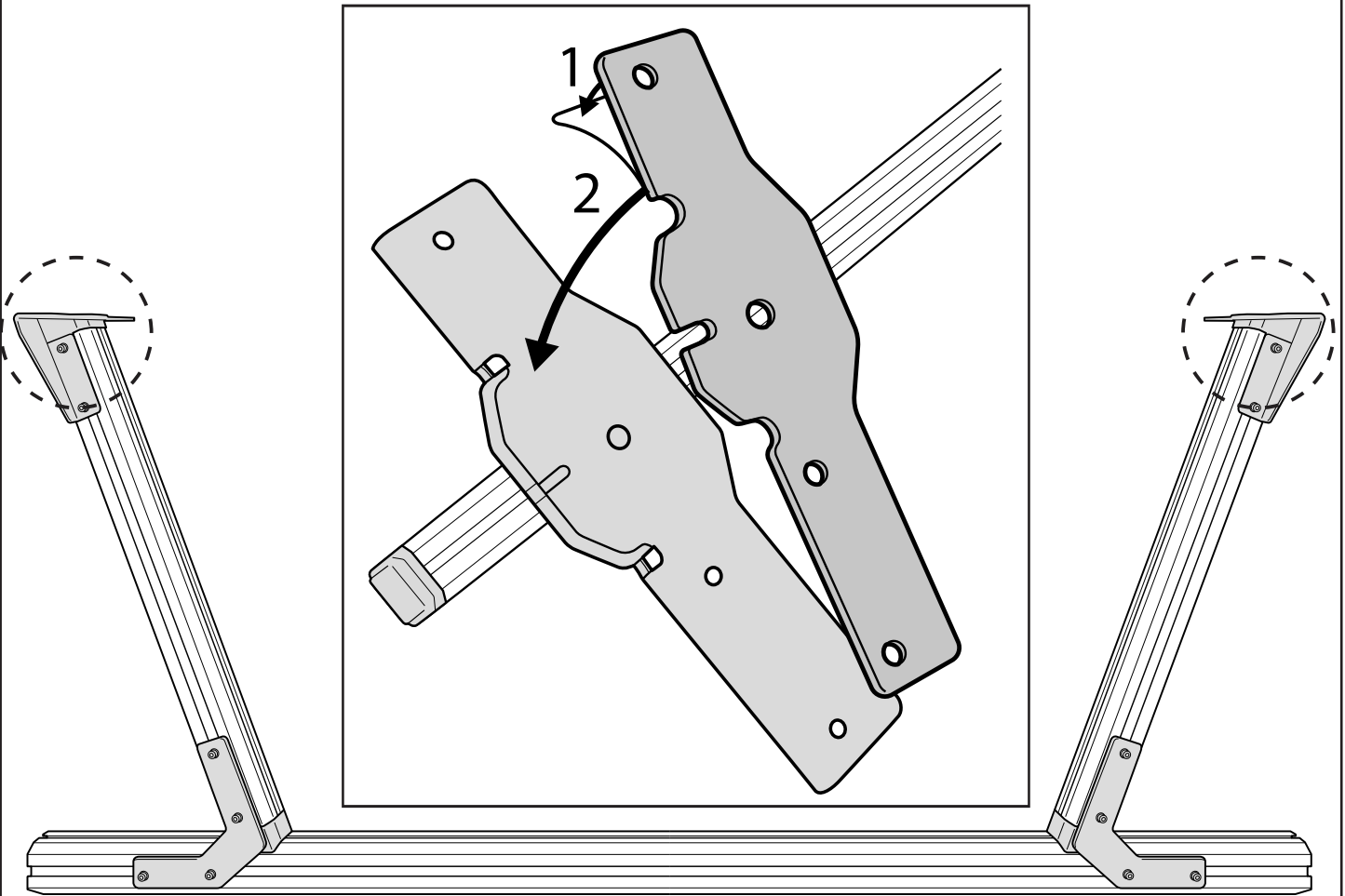


Gently move the cross bar legs towards the center and then securely fasten the indicated M6 socket head bolts.

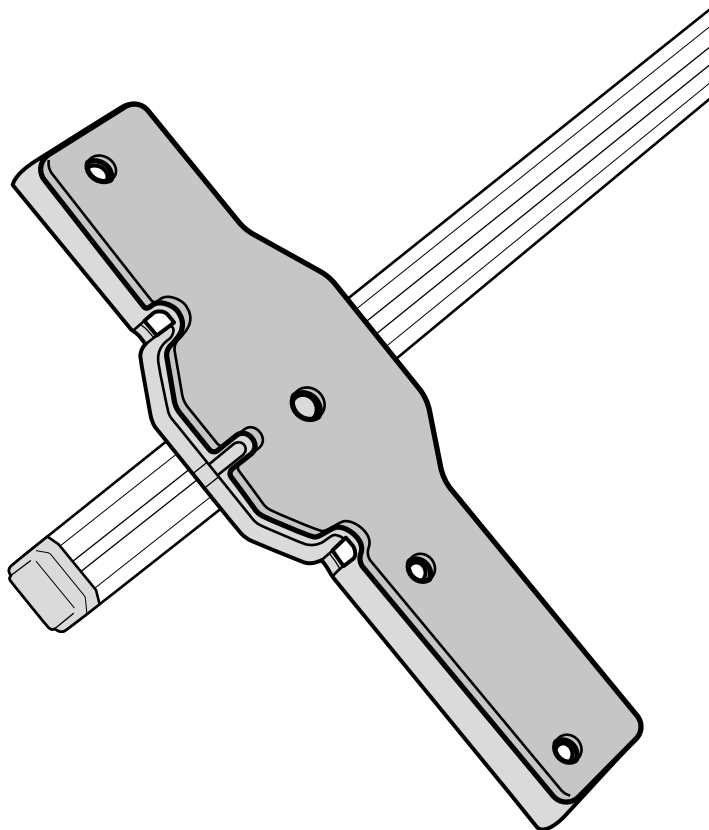


Follow these steps to attach the foam pad to both the LR-SF-002LH and LR-SF-002RH base, making sure to align it according to the provided instructions:

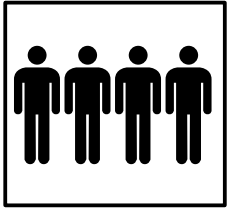
1. Remove the film from the foam pad.
2. Apply the foam pad to the base of the bracket.



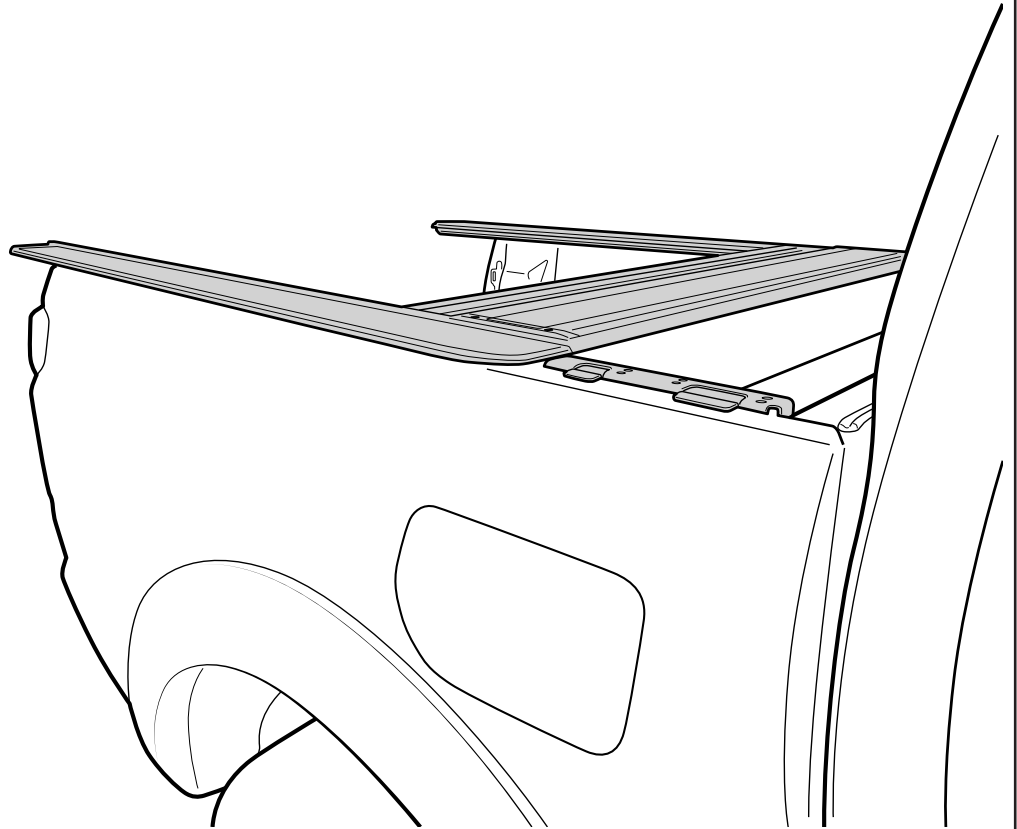
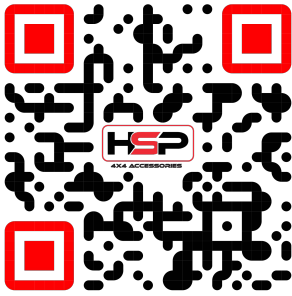
Completed view.



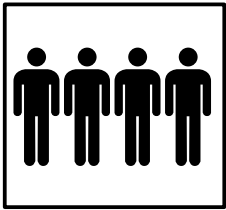
With caution and assistance, carefully place the Roll R Cover back onto the top rail of the ute tub, ensuring not to cause any damage. Stop just before reaching the load rack base brackets.



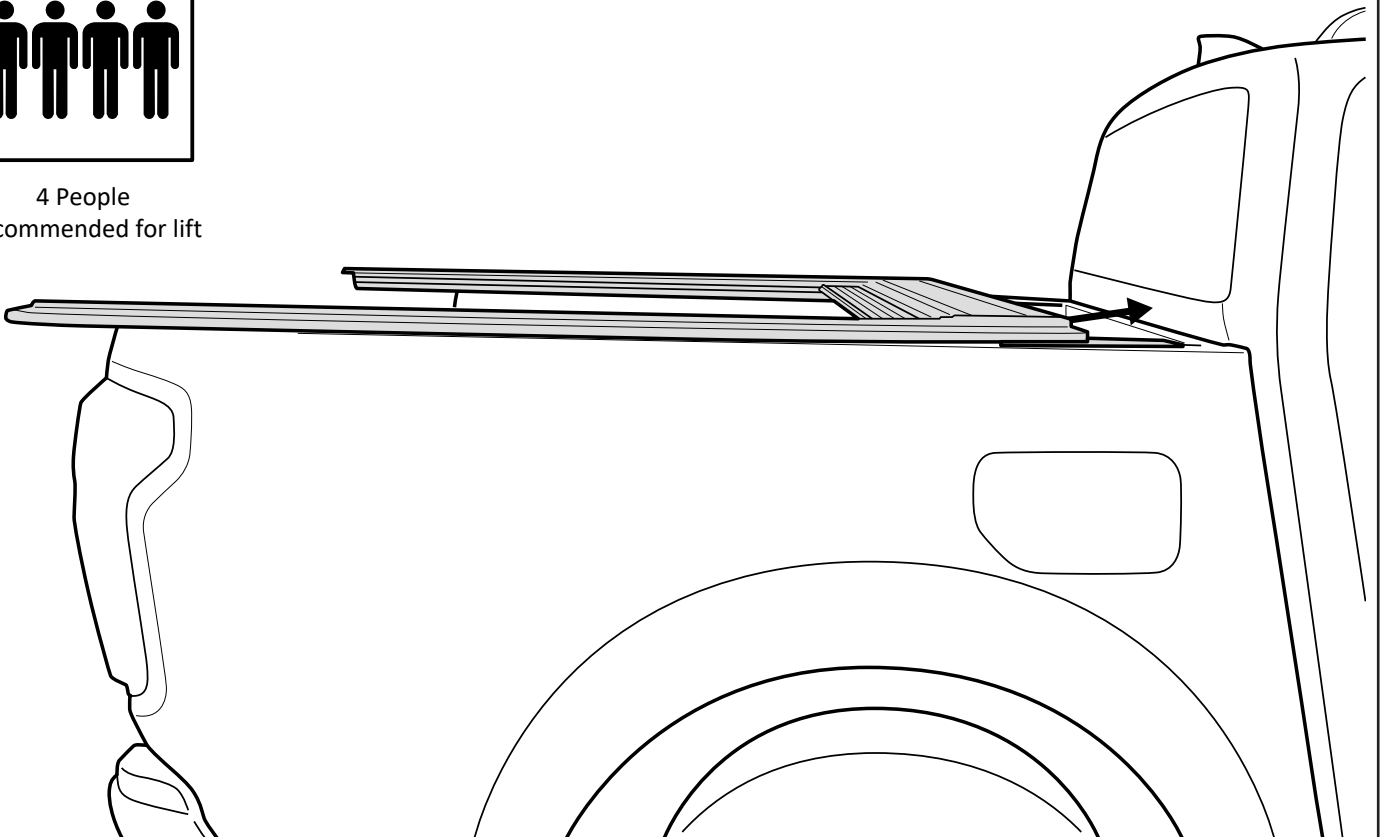
4 People
Recommended for lift



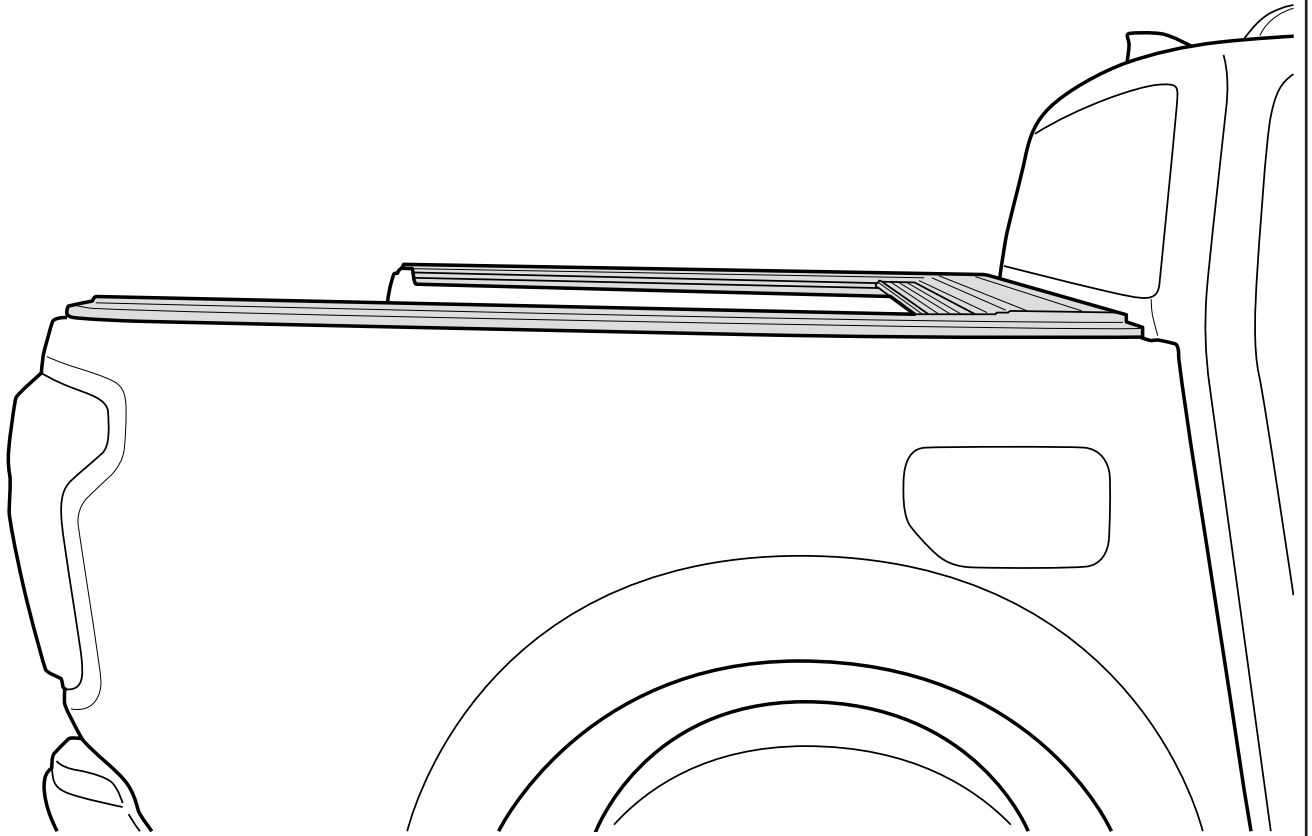
Exercise caution and seek assistance as needed. Gently raise the side rails and shift the roll r cover forward, allowing the motor and driver side rail to fit between the load rack's base brackets. Depending on the situation, it may be necessary for two individuals to lift the rear of the side rails to prevent any collisions between the side rail clamp brackets and the ute tub.



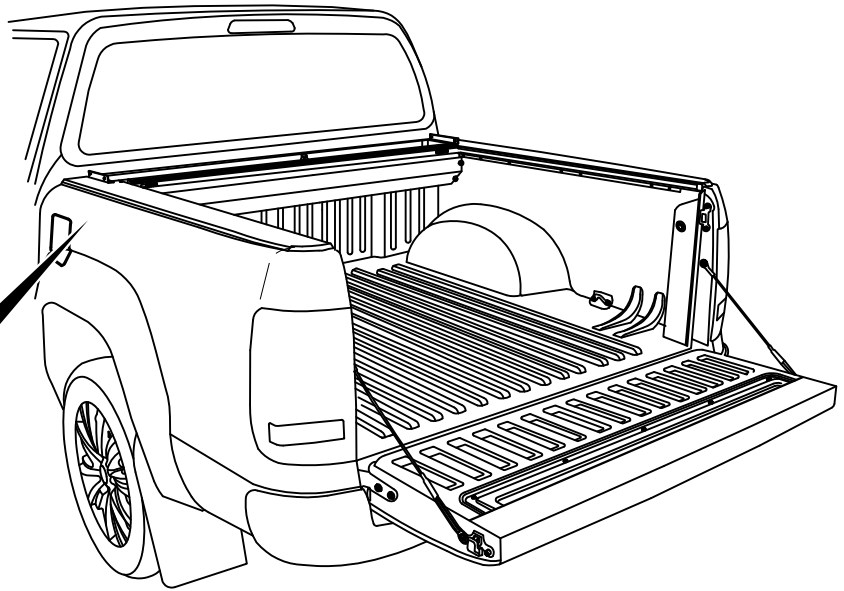
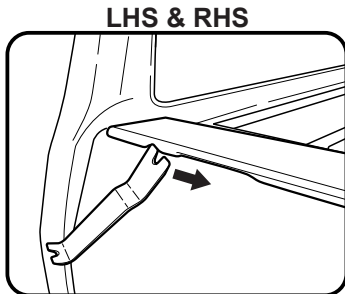
4 People
Recommended for lift



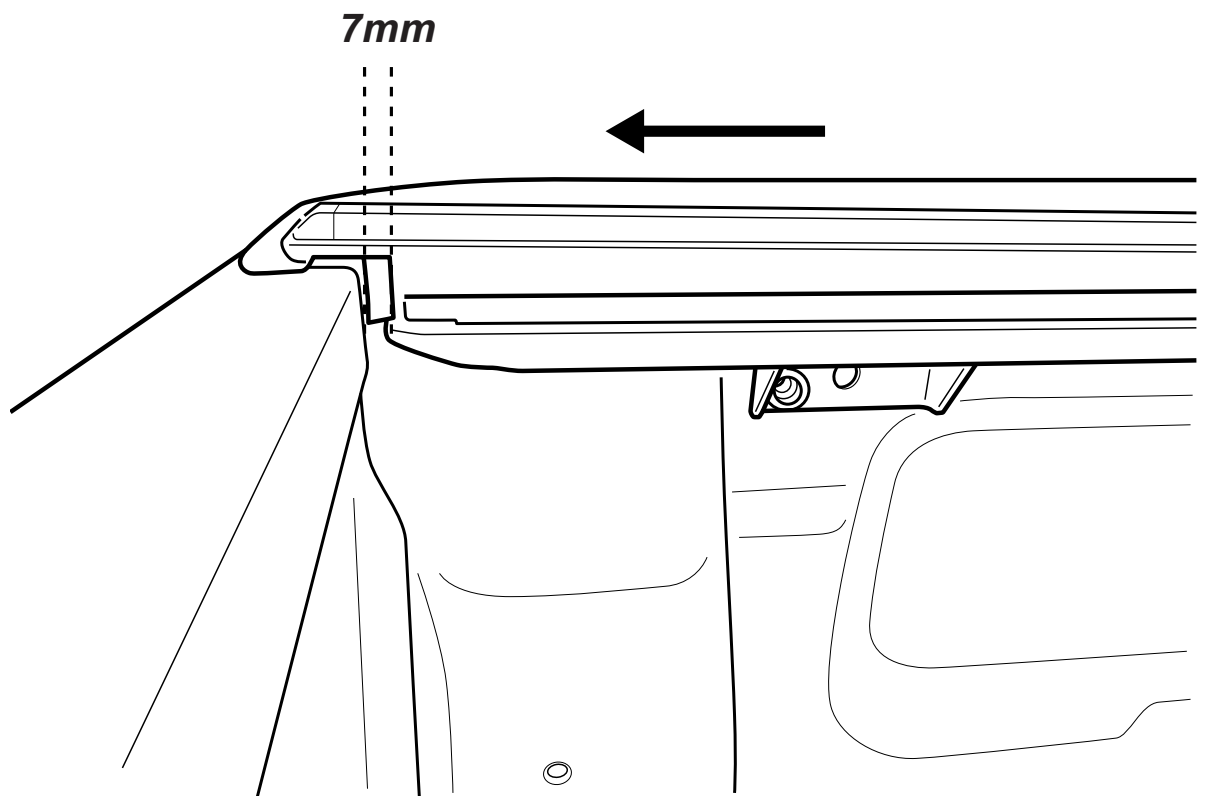
Completed View.



With care, pull out any side rubber that has folded under the side rail.

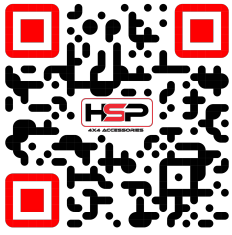


With the tailgate up (Closed position), Pull left & right hand side rails towards the tailgate, stopping short by 7mm between tailgate and side-rail endcap.



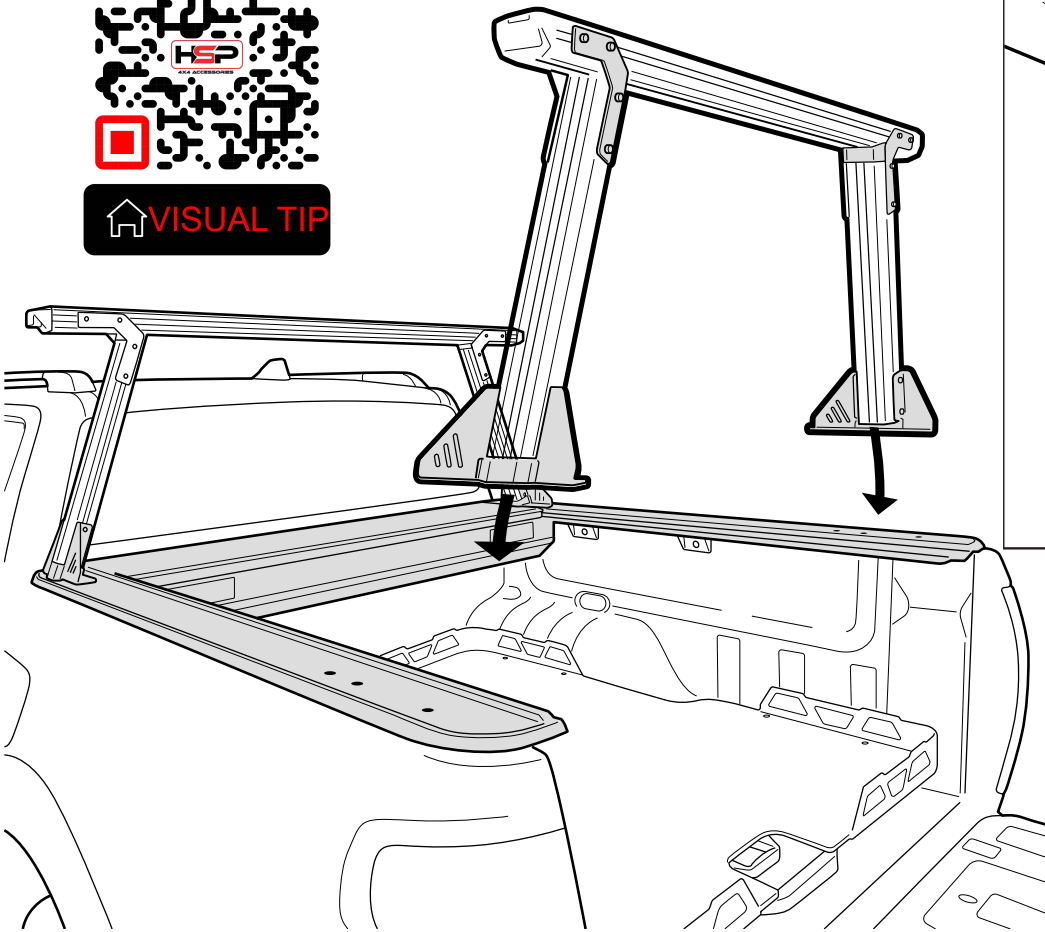
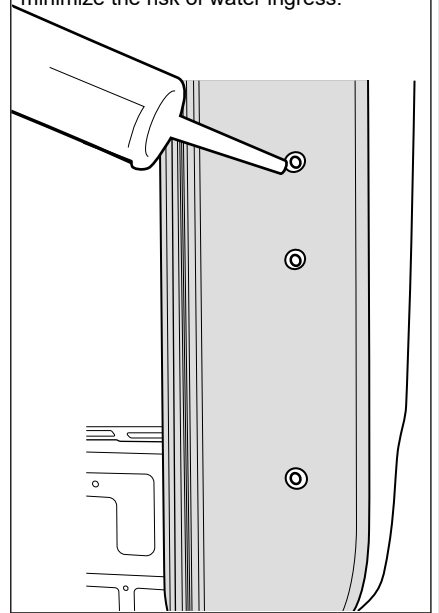
Foam compressed to 7mm when tailgate is closed.

Place the assembled load rack onto the side rails, aligning it with the previously drilled holes. Ensure that the load rack feet are centered with the holes on the side rails and the M6 threads of the base brackets that were previously installed on the ute tub. It is important to allow the cross bar legs to have flexibility to adjust inwards and outwards in order to achieve the proper alignment with the base bracket.

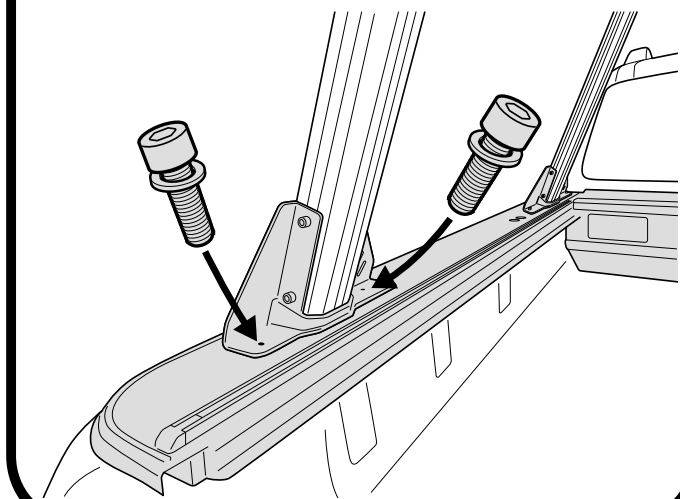


 VISUAL TIP

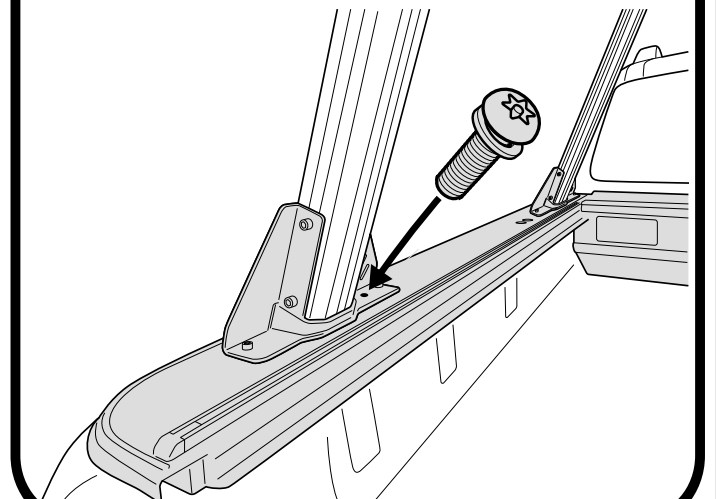
It is strongly advised to apply an adequate amount of sealant to each hole in order to minimize the risk of water ingress.



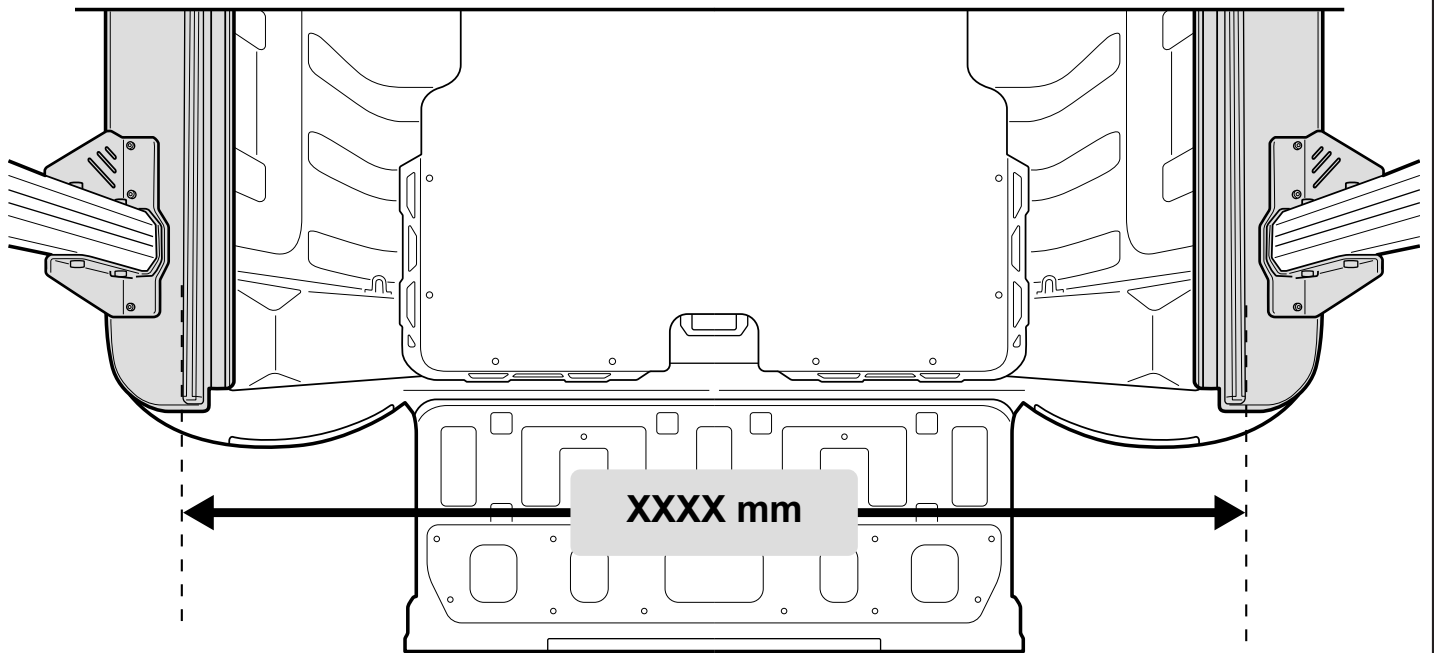
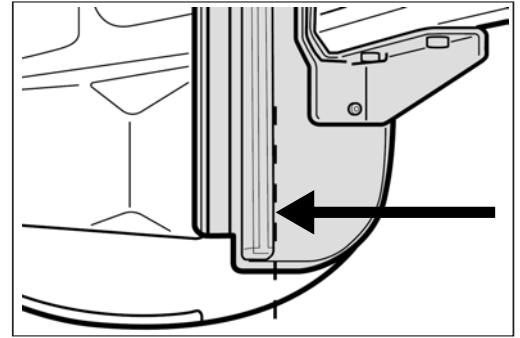
Loosely secure to the indicated locations using M6x20mm socket head bolts and M6 spring washer. Repeat to the other side.



Loosely secure to the indicated location using M6x20mm security head bolt and M6 spring washer. Repeat to the other side.

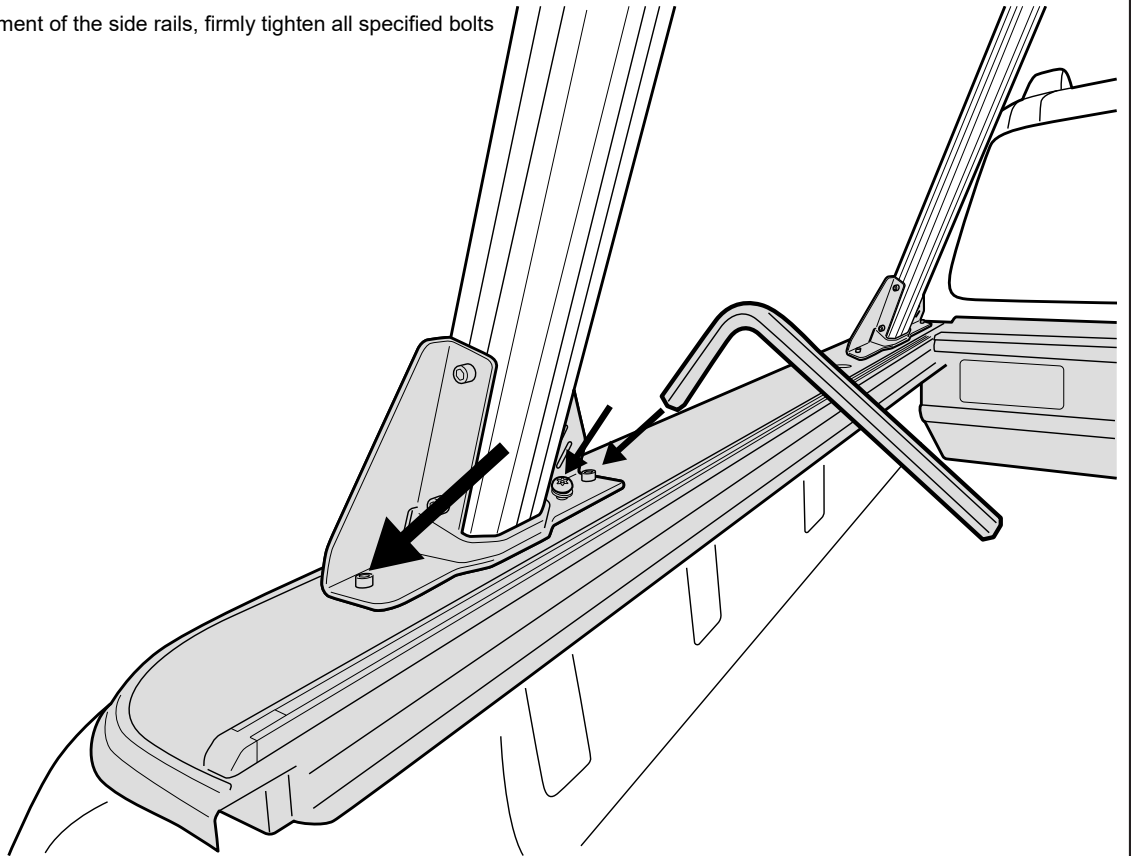


For accurate alignment of the side rails of the roll r cover, refer to the vehicle-specific table and follow the measurements provided. Start by measuring from the outside of the accessory track on one side rail to the outside of the track on the opposite side. Adjust the position of the side rails by either extending or retracting them until the desired measurement is attained, ensuring they remain parallel to the front of the side rails.



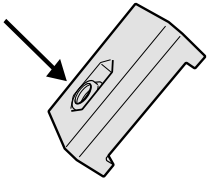
Vehicle	Side rail to sit PARALLEL +/- 2mm
Ford Ranger PX (2011-2022)	1372mm
GWM Cannon ute	1373mm
LDV T60	1373mm
Isuzu Dmax 2021+	1396mm
Mazda BT50 2021+	1396mm
Nissan Navara 2020+	1356mm
Toyota Hilux A 2016+	1383mm
Toyota Hilux J Deck 2016+	1440mm

While maintaining parallel alignment of the side rails, firmly tighten all specified bolts to ensure secure fastening.

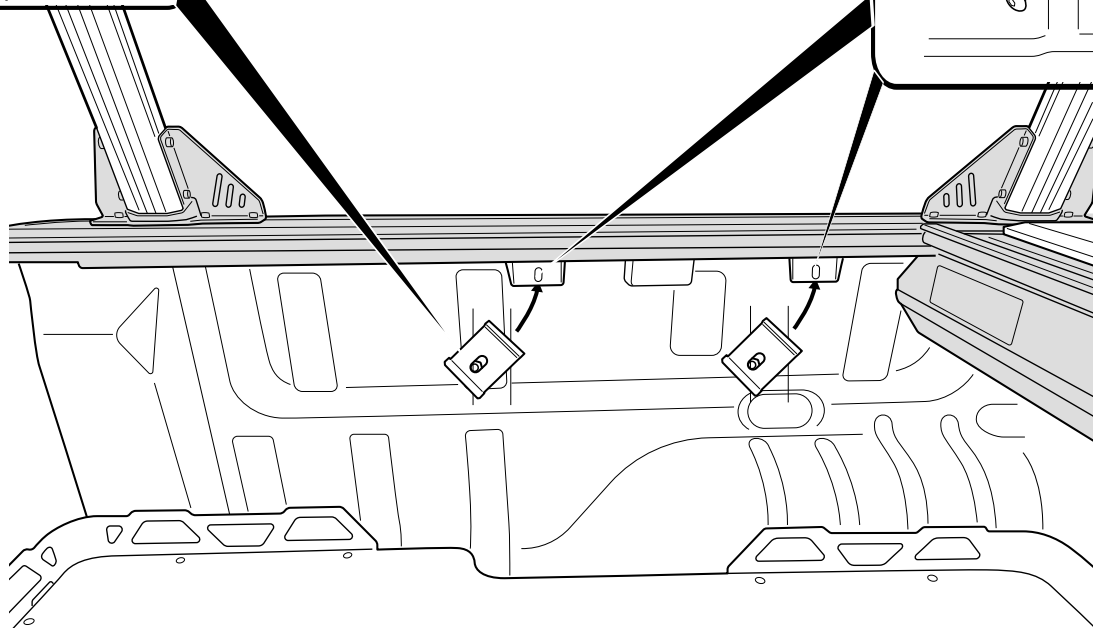
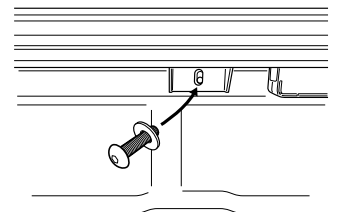


Position clamp behind the inner top lip of the bed rail and the **center elongated** hole of the side rail mounting brackets. Repeat to all 6 positions.

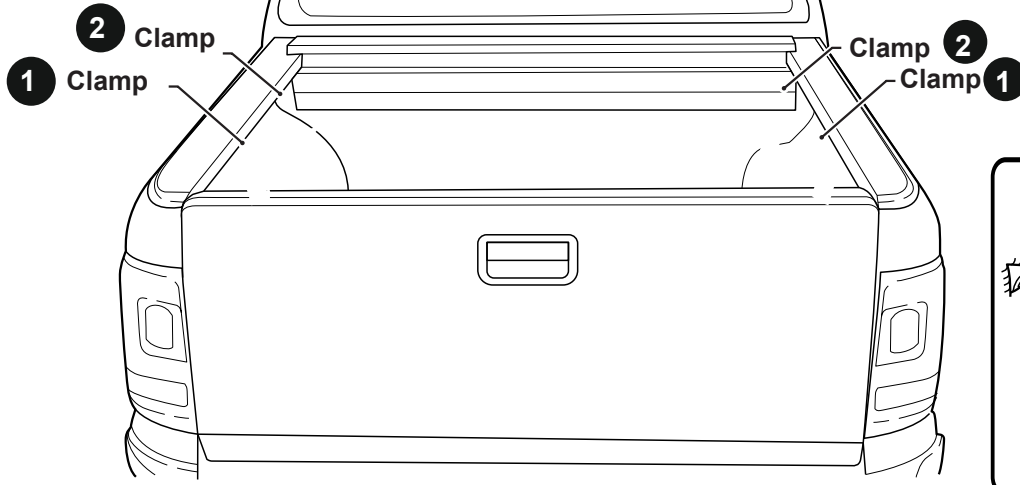
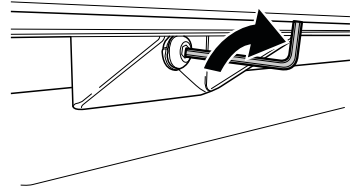
Ensure the M8 nut is in the indicated slot of the clamps.



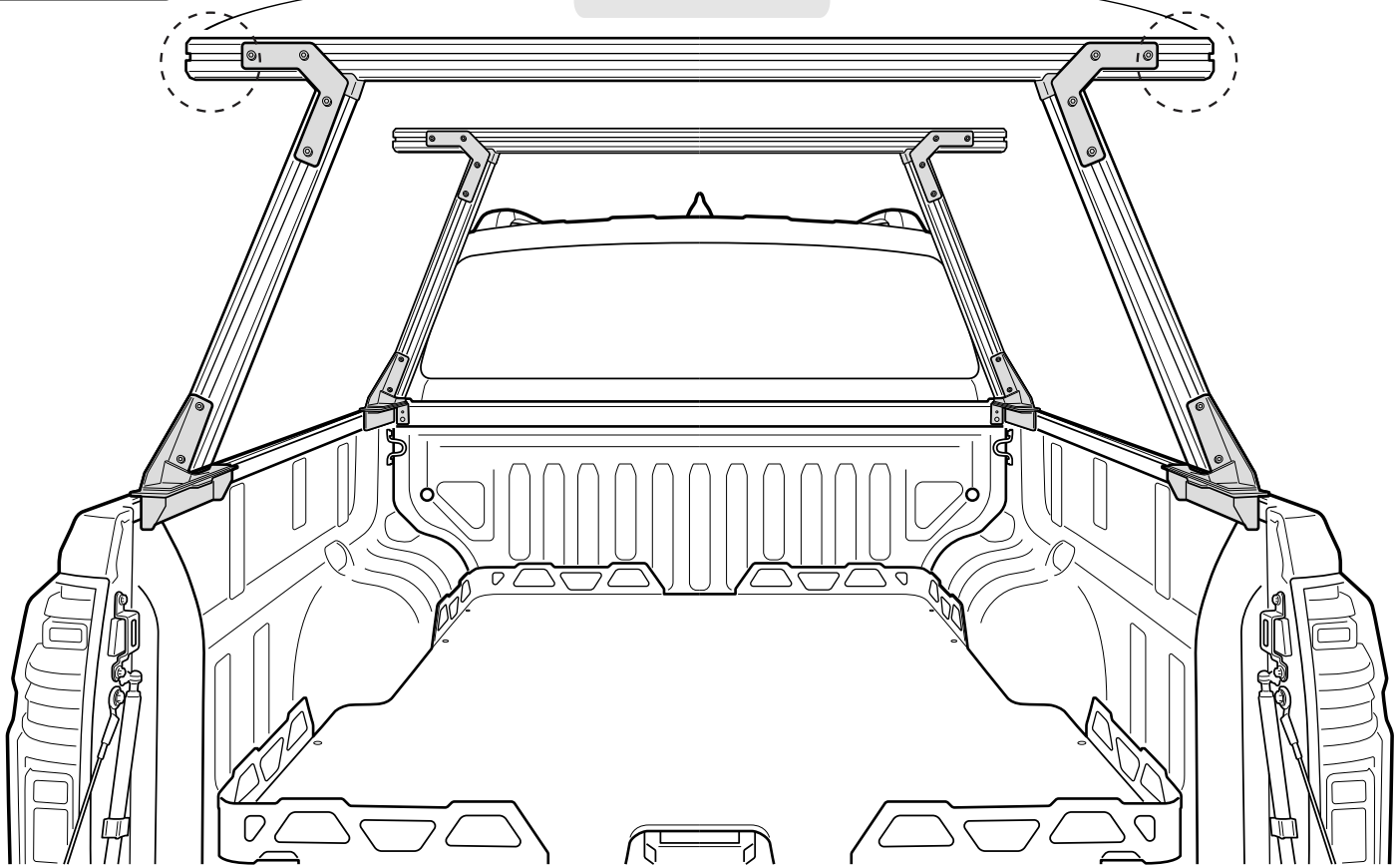
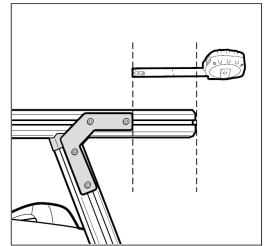
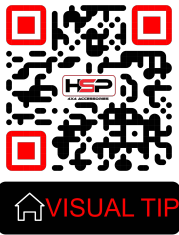
Fasten clamp loosely into position using M8 washer, M8 spring washer and M8 x 35mm bolt.



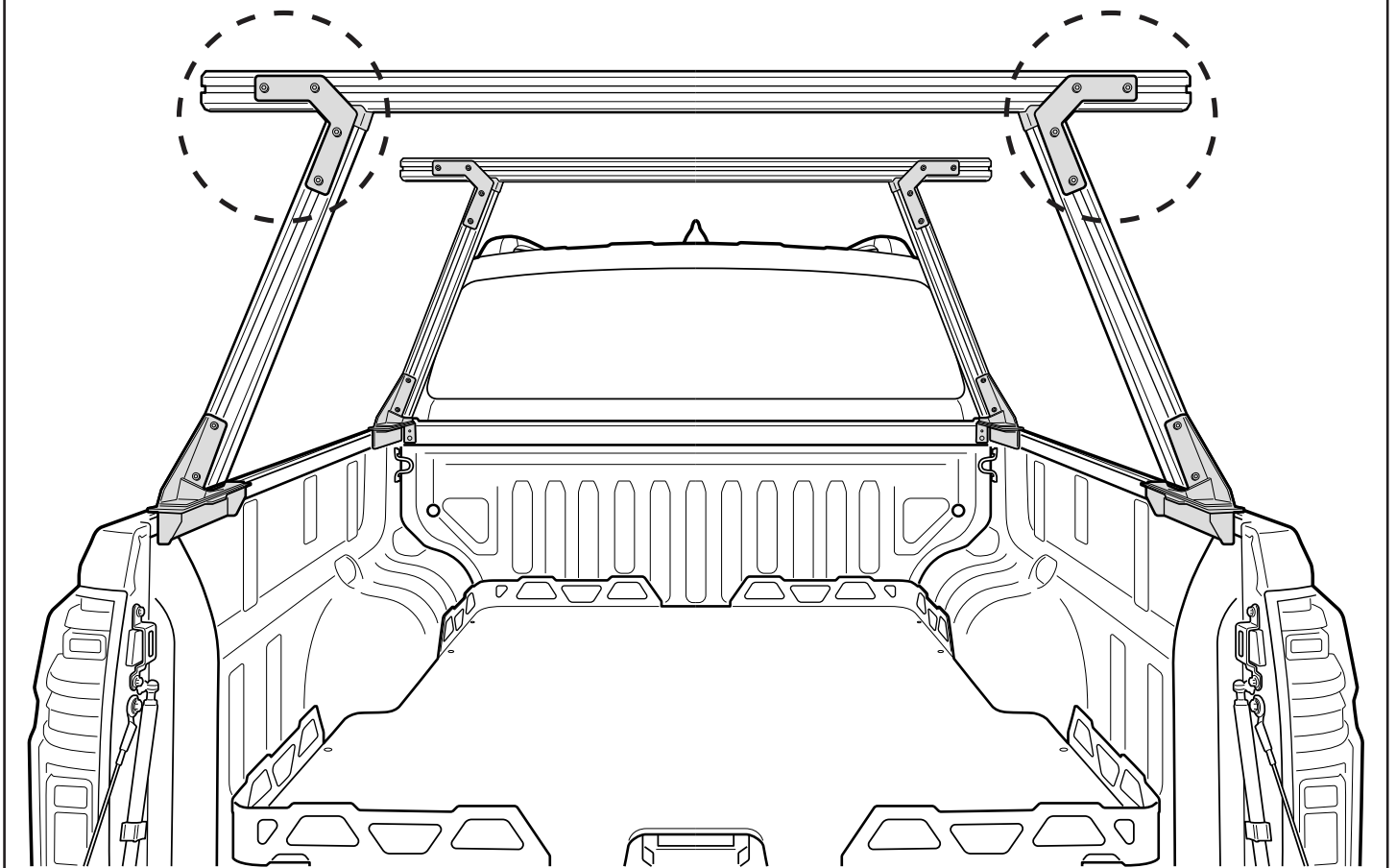
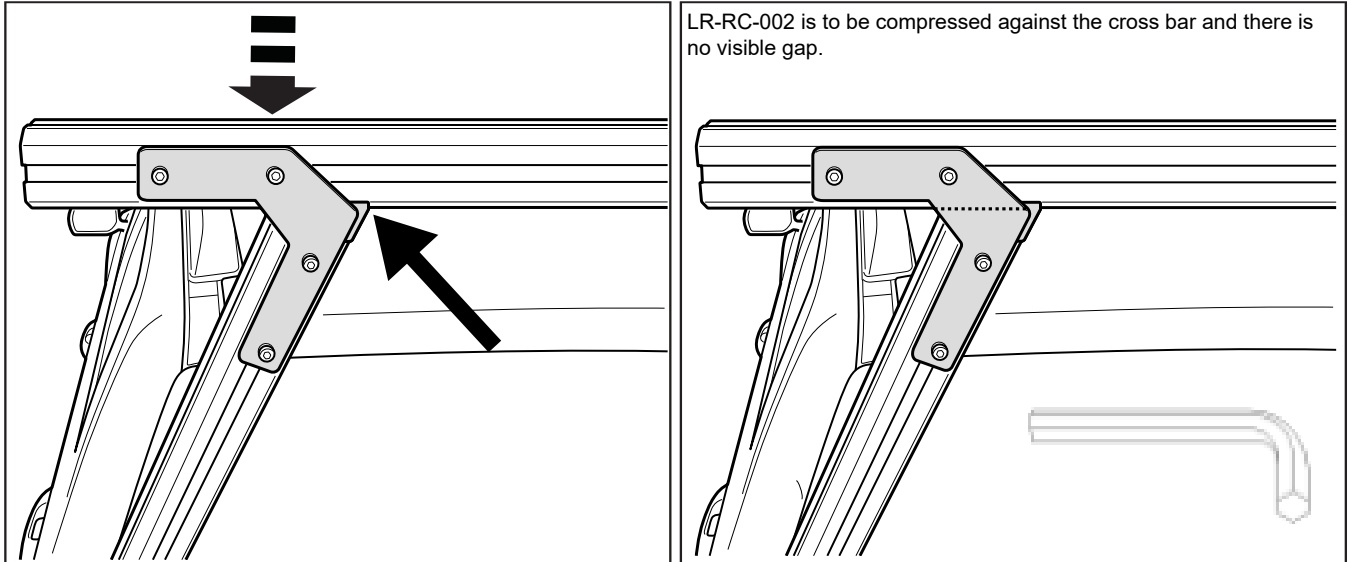
1. Apply downward pressure on side rails.
2. Lift **clamp** all the way up or as far up as possible then fasten clamp to 14Nm torque in the order indicated below.



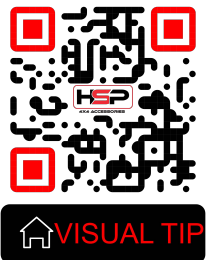
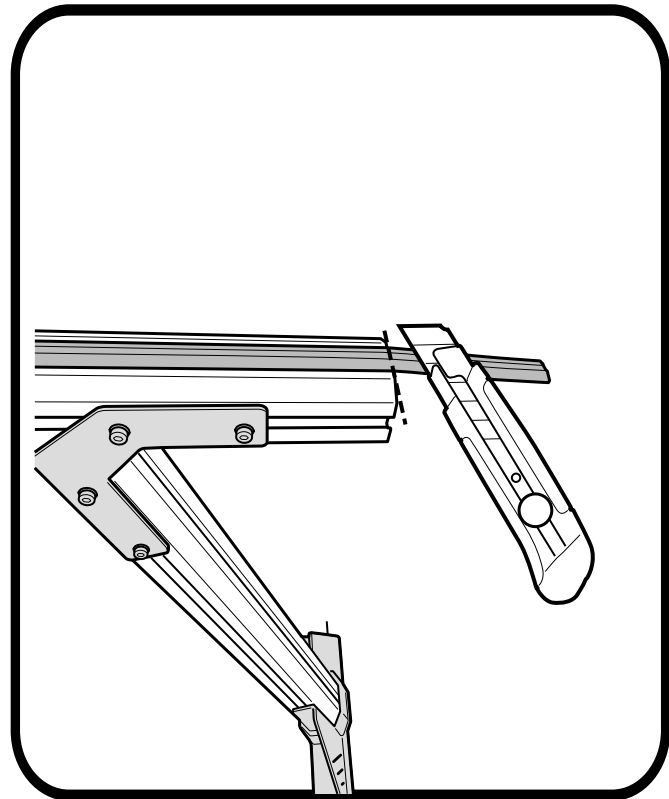
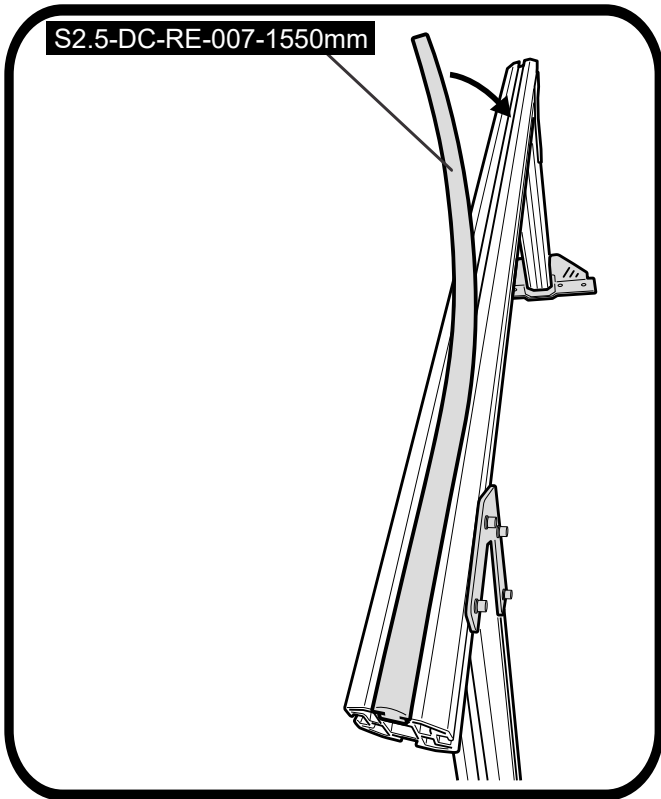
Measure and center cross bar.



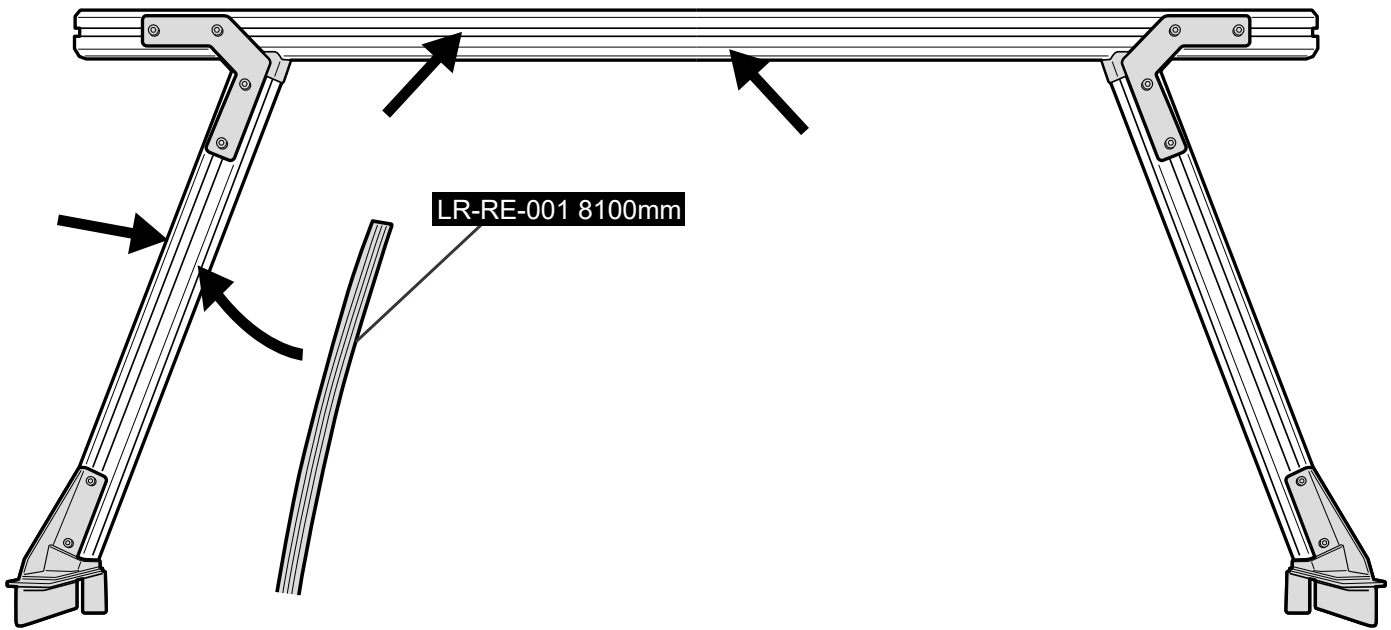
1. Apply firm pressure to the indicated location, ensuring that LR-RC-002 is compressed against the cross bar and there is no visible gap.
2. Securely tighten all M6x16mm socket head bolts.



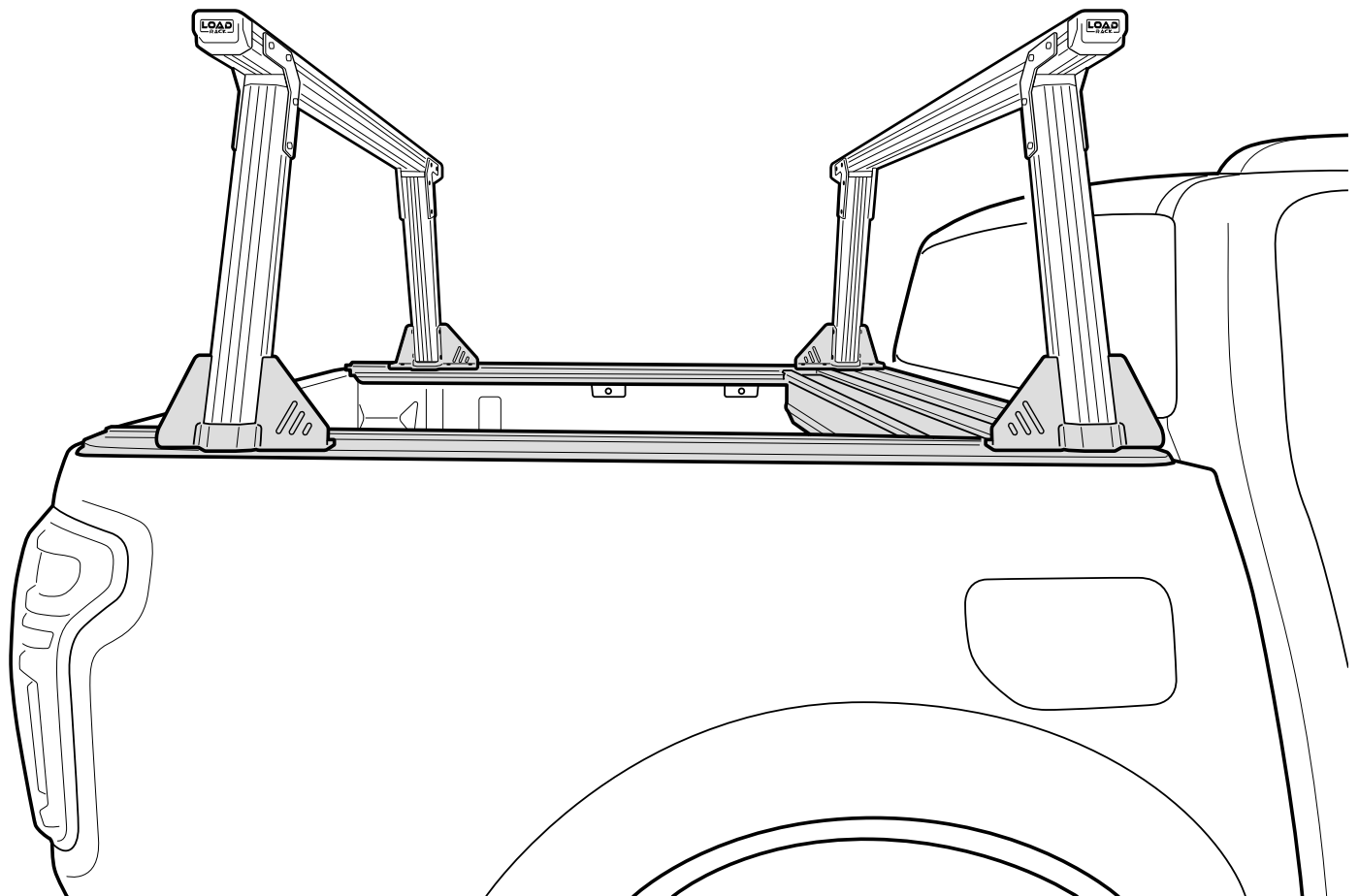
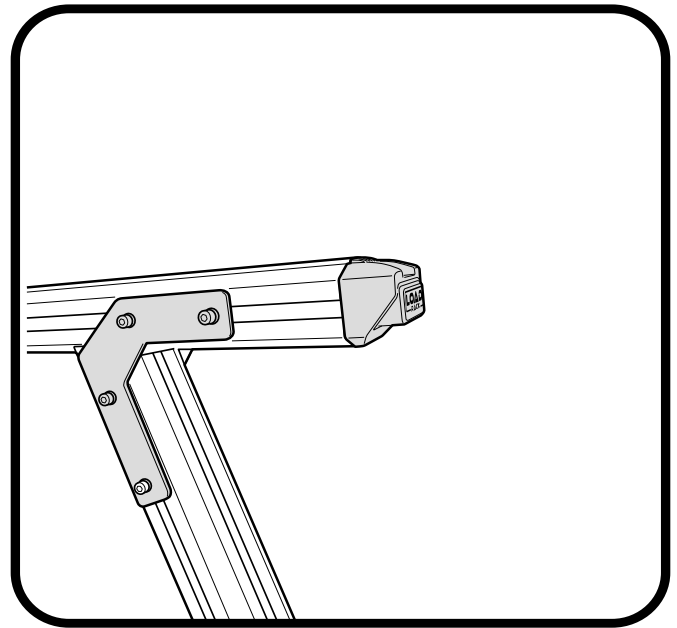
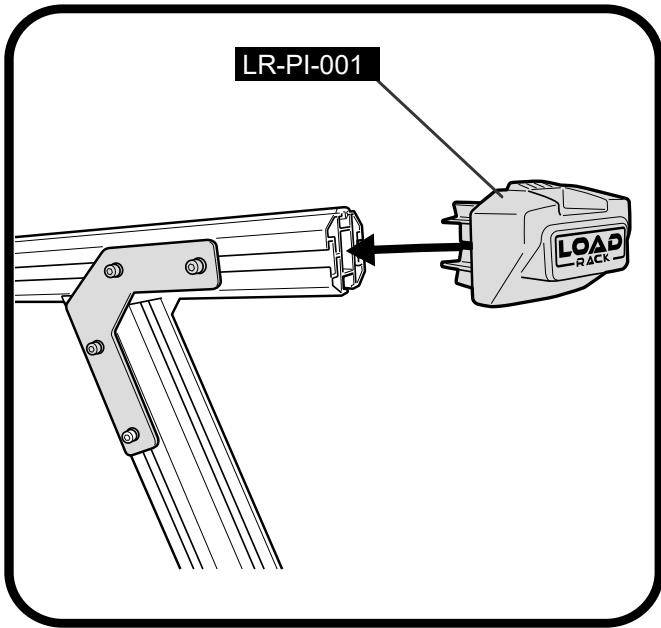
Place the rubber molding into the top channel of the cross bars and make sure that it is flush with each end. Avoid stretching the rubber molding. Trim any excess rubber and dispose of it properly.



Insert the rubber molding into all the exposed channels of the cross bars and the cross bar legs. Ensure that the rubber molding is cut 5mm longer on each end and tucked behind brackets. Avoid stretching the rubber molding during installation.



Install the end caps onto the ends of the cross bars in the indicated orientation. Apply slight force if necessary to fit them firmly.



**NOTE: The Load rack is rated to carry 60kg combined.
Exceeding the manufacturers recommended limit may cause issues and
result to canceling of your warranty.**



Please read the following disclaimer carefully before using our ladder racks. By using our ladder racks, you acknowledge and agree to the terms and conditions stated below.

Load Rack Ratings:

Our load rack system consists of a front rack and a rear rack, each with a maximum load capacity of 60kg. When the front and rear racks are coupled with the joiner, the combined load capacity is rated up to 150kg. These weight ratings apply solely to the racks themselves.

Vehicle Manufacturer's Guidelines:

It is essential to consult your vehicle manufacturer's guidelines to determine the permissible carrying capacity once our ladder racks are installed. The load-carrying capacity of your vehicle may vary, and it is crucial to adhere to the specific guidelines provided by the manufacturer. Please note that these guidelines may override the load capacity ratings of our ladder racks.

Consumer Guarantees:

Under the Australian Consumer Law, our ladder racks come with guarantees that cannot be excluded, including guarantees as to acceptable quality and fitness for purpose. You may be entitled to a replacement, repair, or refund if our ladder racks do not meet these guarantees. These consumer guarantees apply in addition to any other warranties or disclaimers stated in this disclaimer.

Limitation of Liability:

To the extent permitted by law, HSP (hereinafter referred to as "we," "our," or "us") will not be held liable for any damages or losses incurred to your vehicle or any third-party property as a result of using our ladder racks. It is the responsibility of the user to ensure that the load being carried is within the prescribed weight limits, securely fastened, and properly distributed.

Proper Installation and Usage:

We strongly recommend that you carefully follow the installation instructions provided with our ladder racks. Improper installation or usage may lead to instability, damage to your vehicle, or accidents. It is your responsibility to ensure that the ladder racks are correctly installed and used in accordance with the provided instructions.

Regular Inspections and Maintenance:

We advise conducting regular inspections of the ladder racks to check for any signs of wear, damage, or loose components. If any issues are detected, discontinue use immediately and seek professional assistance. Regular maintenance is essential to ensure the continued safe and proper functioning of the ladder racks.

Assumption of Risk:

By using our ladder racks, you acknowledge and accept the inherent risks associated with carrying loads on your vehicle. You assume all responsibility for any damages, injuries, or losses that may arise from the use of our ladder racks, whether directly or indirectly.

Tub Strengthening Requirements:

Please be aware that your vehicle manufacturer may require additional strengthening of the tub in certain cases. This responsibility falls on the user/purchaser, and it is crucial to comply with such requirements as specified by your vehicle manufacturer.

Please note that this disclaimer does not exclude, limit, or modify any rights or remedies available to you under the Australian Consumer Law or any other applicable legislation. If you have any questions or concerns regarding our ladder racks or your consumer rights, please contact us or seek independent legal advice.

If you do not agree with any part of this disclaimer or if any provision of this disclaimer is held to be invalid or unenforceable, the remaining provisions will continue in full force and effect.

If you have any questions or concerns regarding our ladder racks or this disclaimer, please contact us for further clarification.